

Converting Colors

$Yxy(92.4033, 0.3121, 0.3298)$

Have a look what the booklet for
Yxy(92.4033, 0.3121, 0.3298)
contains.

Yxy(92.5878, 0.3120, 0.3300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(92.5878, 0.3120, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F5F7F6
RGB	245, 247, 246
RGB Percent	96%, 97%, 96%
CMY	0.0394, 0.0313, 0.0353
CMYK	0.01, 0.00, 0.00, 0.03
HSL	150°, 11%, 96%
HSV	150°, 1%, 97%
XYZ	87.5376, 92.5878, 100.4437
YIQ	246.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

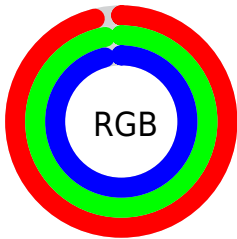
Format	Color
R _Y B	245, 246, 247
Decimal	16119798
CIE Lab	97.06, -0.86, 0.24
CIE LCh	97, 0.891, 164.515
Yxy	92.5878, 0.3120, 0.3300
Android (android.graphics.Color)	4294309878 (0xFF5F7F6)
YUV	246.2880, -0.1420, -1.1296
Hunter-Lab	96.2226, -6.0008, 5.4648

Details

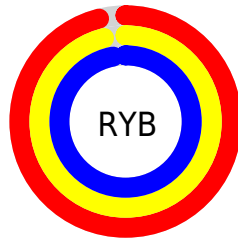
The Yxy color 92.5878, 0.3120, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.7043, 0.3134, 0.3280, and the grayscale version is 92.4028, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7981, 0.3118, 0.3303 is the 20% darker color. If you saturate the color by 10%, you get 87.7182, 0.3035, 0.3427, and if you desaturate by 10%, it is 95.0147, 0.3131, 0.3214.

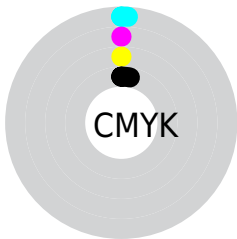
Distribution



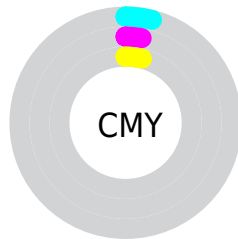
- Red (96%)
- Green (97%)
- Blue (96%)



- Red (96%)
- Yellow (96%)
- Blue (97%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)




- Cyan (4%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5878, 0.3120, 0.3300 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 92.5878, 0.3120, 0.3300 by changing the saturation by 10% instead.


 92.5878, 0.3120,
0.3300

 92.5878, 0.3120,
0.3300


536.4134, 0.3123,
0.3296

 70.1289, 0.3119,
0.3301


150.9278, 0.3121,
0.3299

 51.6317, 0.3118,
0.3302


187.5777, 0.3122,
0.3298

 36.7116, 0.3117,
0.3304


229.7268, 0.3122,
0.3297

 24.9842, 0.3116,
0.3305

277.7595, 0.3122,
0.3297

 16.0653, 0.3114,
0.3308

332.0601, 0.3123,
0.3297

 9.5704, 0.3112,
0.3311

393.0130, 0.3123,

 5.1151, 0.3108,

0.3296

0.3316

461.0026, 0.3123,
0.3296

■ 2.3149, 0.3102,
0.3324

■ 0.7816, 0.3088,
0.3343

■ 92.5878, 0.3120,
0.3300

■ 92.5878, 0.3120,
0.3300

■ 87.7182, 0.3035,
0.3427

■ 95.0147, 0.3131,
0.3214

■ 83.4625, 0.2953,
0.3570

■ 79.7990, 0.2876,
0.3727

■ 76.6999, 0.2807,
0.3897

■ 74.1353, 0.2750,
0.4080

■ 72.0723, 0.2708,
0.4272

■ 70.4742, 0.2684,
0.4468

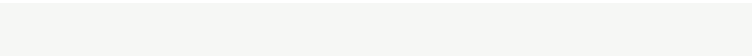
■ 69.2991, 0.2680,
0.4663

■ 68.4972, 0.2697,
0.4852

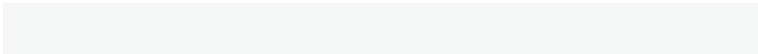
Harmonies

Analogous

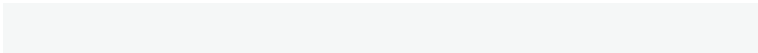
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5878, 0.3130, 0.3306



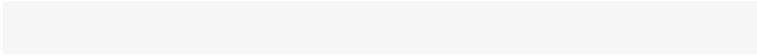
92.5878, 0.3120, 0.3300



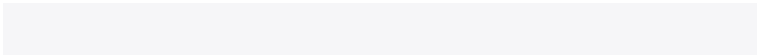
92.5878, 0.3112, 0.3292

Triad

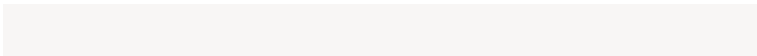
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.5878, 0.3120, 0.3300



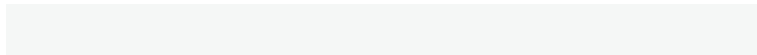
92.5878, 0.3115, 0.3273



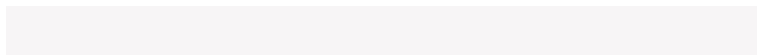
92.5878, 0.3146, 0.3298

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



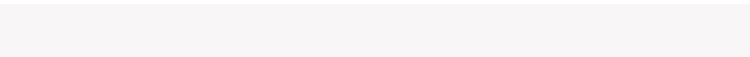
92.5878, 0.3120, 0.3300



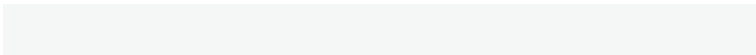
91.7043, 0.3134, 0.3280

Split Complementary

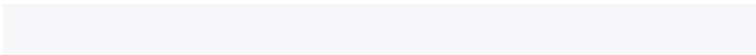
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5878, 0.3143, 0.3289



92.5878, 0.3120, 0.3300



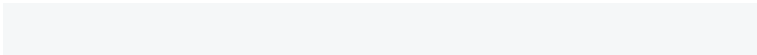
92.5878, 0.3125, 0.3275

Square

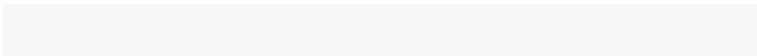
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



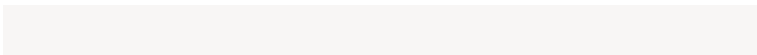
92.5878, 0.3120, 0.3300



92.5878, 0.3109, 0.3276



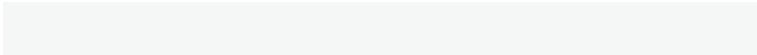
92.5878, 0.3135, 0.3280



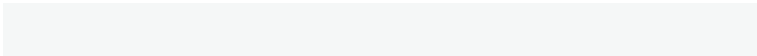
92.5878, 0.3145, 0.3304

Rectangle

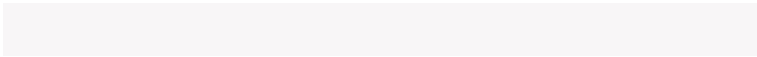
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



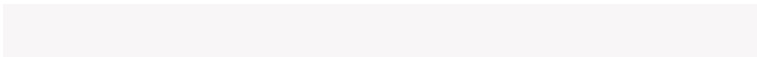
92.5878, 0.3120, 0.3300



92.5878, 0.3109, 0.3286



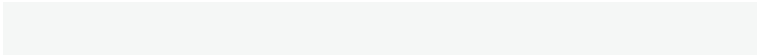
92.5878, 0.3135, 0.3280



92.5878, 0.3146, 0.3295

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



92.5918, 0.3120, 0.3300

100.0000, 0.3127, 0.3290



92.7143, 0.3133, 0.3310



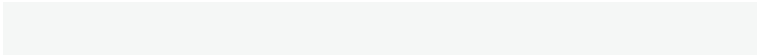
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5918, 0.3120, 0.3300



99.4387, 0.3119, 0.3302



92.6548, 0.3114, 0.3290



19.4953, 0.3119, 0.3301



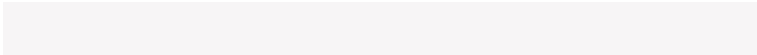
35.9938, 0.2719, 0.4987



3.1843, 0.2656, 0.4760

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



91.7043, 0.3134, 0.3280



98.3009, 0.3136, 0.3278



91.6417, 0.3141, 0.3290



19.2841, 0.3135, 0.3279



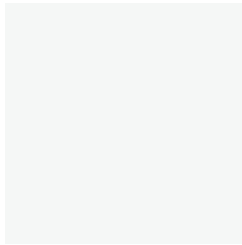
11.2288, 0.4987, 0.2521



1.0076, 0.4705, 0.2365

Previews

White Background



This preview shows how the Yxy color 92.5878, 0.3120, 0.3300 looks on a white background.

Color Contrast Check

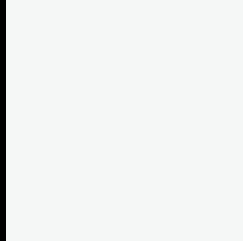
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 92.5878, 0.3120, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

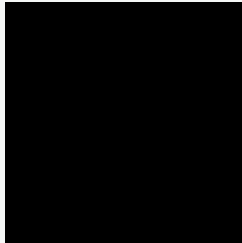
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

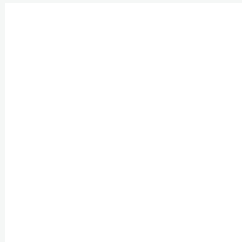
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5878, 0.3120, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 92.5878, 0.3120, 0.3300.

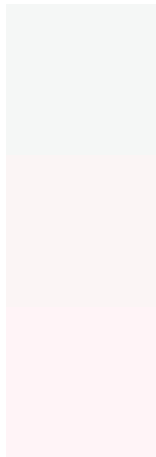


This preview shows how white text looks on a background with the Yxy color 92.5878, 0.3120, 0.3300.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

92.5878, 0.3120, 0.3300

Protanopia

92.4066, 0.3166, 0.3290

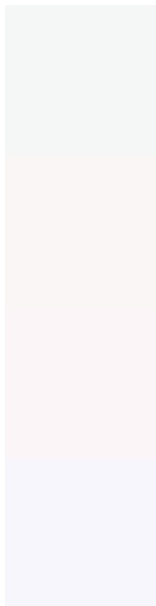
Deuteranopia

92.6768, 0.3180, 0.3261

Tritanopia

92.2990, 0.3081, 0.3193

Trichromacy



Original Color

92.5878, 0.3120, 0.3300

Protanomaly

92.6438, 0.3152, 0.3300

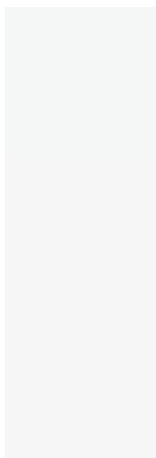
Deuteranomaly

92.5294, 0.3154, 0.3271

Tritanomaly

92.5326, 0.3092, 0.3231

Monochromacy



Original Color

92.5878, 0.3120, 0.3300

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1582, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5878, 0.3120, 0.3300 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 247, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 247, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 246) }
```

Border

The CSS property to change the border of an element to Yxy 92.5878, 0.3120, 0.3300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 247, 246) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(245, 247, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(245, 247, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
246) }
```

Background

The CSS property to change the background color of an element to Yxy 92.5878, 0.3120, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 247, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
247, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor