

Converting Colors

$Y_{xy}(92.8397, 0.3131, 0.3314)$

Have a look what the booklet for
Yxy(92.8397, 0.3131, 0.3314)
contains.

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Color

Yxy(92.7069, 0.3133, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	F6F7F5
RGB	246, 247, 245
RGB Percent	96%, 97%, 96%
CMY	0.0352, 0.0314, 0.0394
CMYK	0.00, 0.00, 0.01, 0.03
HSL	89°, 11%, 96%
HSV	89°, 1%, 97%
XYZ	87.7495, 92.7069, 99.6249
YIQ	246.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

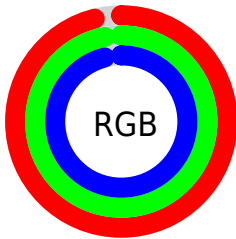
Format	Color
R _Y B	245, 247, 246
Decimal	16185333
CIE Lab	97.11, -0.68, 0.85
CIE LCh	97, 1.087, 128.404
Yxy	92.7069, 0.3133, 0.3310
Android (android.graphics.Color)	4294375413 (0xFF6F7F5)
YUV	246.4730, -0.7262, -0.4148
Hunter-Lab	96.2844, -5.8206, 6.0521

Details

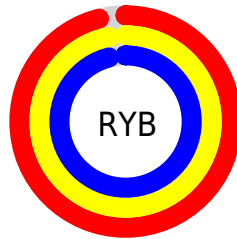
The Yxy color 92.7069, 0.3133, 0.3310 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.5807, 0.3121, 0.3270, and the grayscale version is 92.5713, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8829, 0.3134, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 89.2262, 0.3204, 0.3565, and if you desaturate by 10%, it is 95.0033, 0.3131, 0.3214.

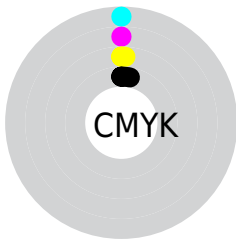
Distribution



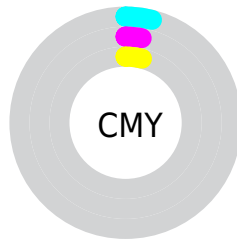
- Red (96%)
- Green (97%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7069, 0.3133, 0.3310 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 92.7069, 0.3133, 0.3310 by changing the saturation by 10% instead.

 92.7069, 0.3133,
0.3310

 92.7069, 0.3133,
0.3310

536.7975, 0.3130,
0.3301

 70.2279, 0.3134,
0.3312

151.0928, 0.3132,
0.3307

 51.7124, 0.3134,
0.3314


187.7684, 0.3132,
0.3306

 36.7759, 0.3135,
0.3317


229.9451, 0.3132,
0.3305

 25.0340, 0.3136,
0.3321

278.0072, 0.3131,
0.3304

 16.1024, 0.3138,
0.3326

332.3391, 0.3131,
0.3303

 9.5966, 0.3139,
0.3332

393.3252, 0.3131,

 5.1323, 0.3142,

0.3302

461.3498, 0.3131,
0.3302

0.3342

■ 2.3251, 0.3147,
0.3358

■ 0.7870, 0.3159,
0.3398

■ 92.7069, 0.3133,
0.3310

■ 92.7069, 0.3133,
0.3310

■ 89.2262, 0.3204,
0.3565

■ 95.0033, 0.3131,
0.3214

■ 86.0692, 0.3274,
0.3839

■ 83.2288, 0.3340,
0.4130

■ 80.6934, 0.3399,
0.4429

■ 78.4502, 0.3445,
0.4726

■ 76.4858, 0.3474,
0.5007

■ 74.7849, 0.3482,
0.5255

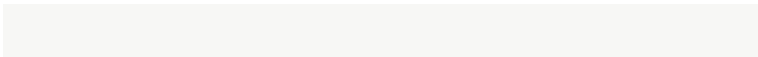
■ 73.3307, 0.3468,
0.5459

■ 72.1035, 0.3431,
0.5606

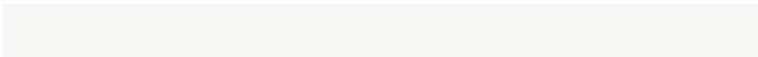
Harmonies

Analogous

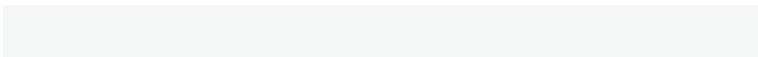
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7069, 0.3144, 0.3311



92.7069, 0.3133, 0.3310



92.7069, 0.3121, 0.3304

Triad

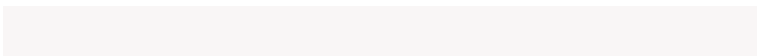
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7069, 0.3133, 0.3310



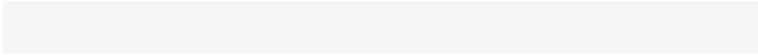
92.7069, 0.3105, 0.3274



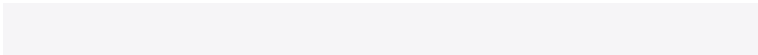
92.7069, 0.3144, 0.3286

Complementary

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



92.7069, 0.3133, 0.3310



91.5807, 0.3121, 0.3270

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.



92.7069, 0.3134, 0.3277



92.7069, 0.3133, 0.3310



92.7069, 0.3111, 0.3270

Square

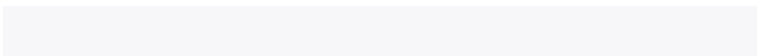
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



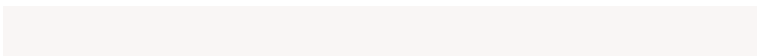
92.7069, 0.3133, 0.3310



92.7069, 0.3104, 0.3283



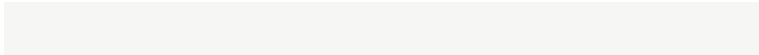
92.7069, 0.3121, 0.3271



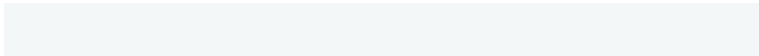
92.7069, 0.3150, 0.3297

Rectangle

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



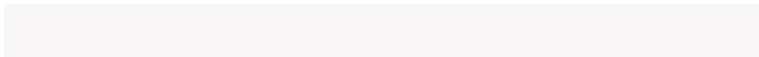
92.7069, 0.3133, 0.3310



92.7069, 0.3113, 0.3298



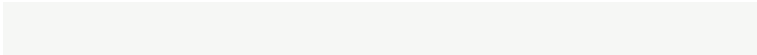
92.7069, 0.3121, 0.3271



92.7069, 0.3141, 0.3283

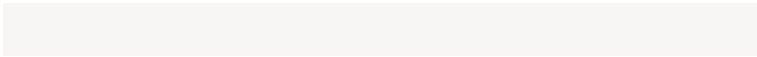
Sweetspot

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



92.7109, 0.3133, 0.3310

100.0000, 0.3127, 0.3290



92.2250, 0.3140, 0.3299



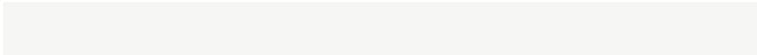
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

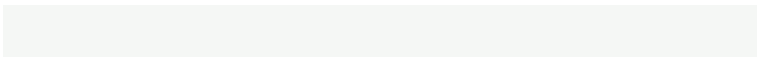
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7109, 0.3133, 0.3310



99.6055, 0.3134, 0.3314



92.5318, 0.3127, 0.3310



19.5262, 0.3134, 0.3313



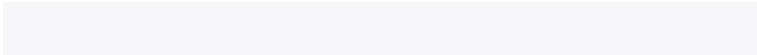
37.7131, 0.3394, 0.5688



3.3758, 0.3486, 0.5614

Inverse Universe

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



91.5807, 0.3121, 0.3270



98.1331, 0.3120, 0.3266



91.7606, 0.3128, 0.3270



19.2530, 0.3120, 0.3267



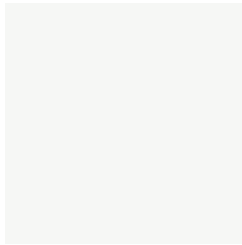
5.6913, 0.1984, 0.0867



0.5610, 0.2121, 0.0942

Previews

White Background



This preview shows how the Yxy color 92.7069, 0.3133, 0.3310 looks on a white background.

Color Contrast Check

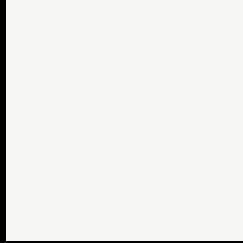
Large Text (above 18pt) WCAG AA × Fail

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 92.7069, 0.3133, 0.3310 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

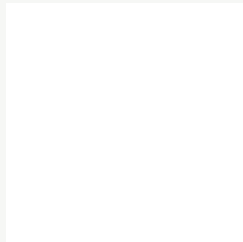
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7069, 0.3133, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 92.7069, 0.3133, 0.3310.

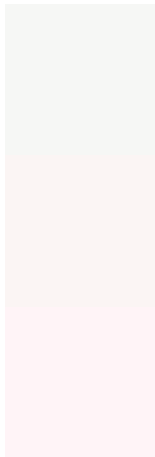


This preview shows how white text looks on a background with the Yxy color 92.7069, 0.3133, 0.3310.

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

92.7069, 0.3133, 0.3310

Protanopia

92.3457, 0.3172, 0.3300

Deuteranopia

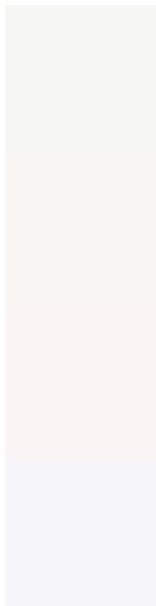
92.6768, 0.3180, 0.3261



Tritanopia

92.4813, 0.3087, 0.3193

Trichromacy



Original Color

92.7069, 0.3133, 0.3310

Protanomaly

92.5829, 0.3158, 0.3310

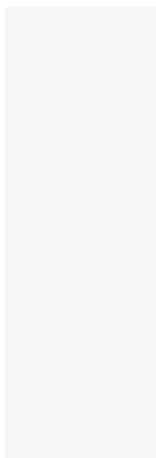
Deuteranomaly

92.6541, 0.3166, 0.3280

Tritanomaly

92.6507, 0.3104, 0.3241

Monochromacy



Original Color

92.7069, 0.3133, 0.3310

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 92.7069, 0.3133, 0.3310 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(246, 247, 245)` looks like.

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

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(246, 247, 245) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 92.7069, 0.3133, 0.3310 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(246, 247, 245) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Yxy 92.7069, 0.3133, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).

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