

Converting Colors

$Y_{xy}(93.2179, 0.2937, 0.3045)$

Have a look what the booklet for
Yxy(93.2179, 0.2937, 0.3045)
contains.

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Color

Yxy(92.2668, 0.3036, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	F0F7FF
RGB	240, 247, 255
RGB Percent	94%, 97%, 100%
CMY	0.0590, 0.0313, 0.0000
CMYK	0.06, 0.03, 0.00, 0.00
HSL	212°, 100%, 97%
HSV	212°, 6%, 100%
XYZ	87.2382, 92.2668, 107.8410
YIQ	245.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

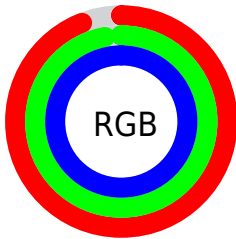
Format	Color
R _Y B	240, 245, 255
Decimal	15792127
CIE Lab	96.93, -0.85, -4.65
CIE LCh	97, 4.731, 259.651
Yxy	92.2668, 0.3036, 0.3211
Android (android.graphics.Color)	4293982207 (0xFFFF0F7FF)
YUV	245.8190, 4.5262, -5.1033
Hunter-Lab	96.0556, -5.9826, 0.6745

Details

The Yxy color 92.2668, 0.3036, 0.3211 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.6483, 0.3220, 0.3368, and the grayscale version is 91.9682, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5292, 0.3019, 0.3202 is the 20% darker color. If you saturate the color by 10%, you get 80.1349, 0.2876, 0.3065, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

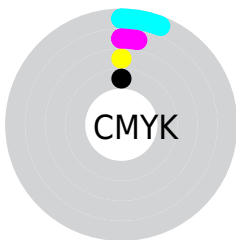
Distribution



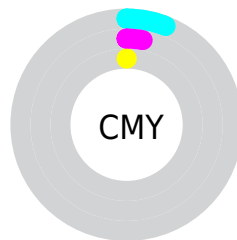
- Red (94%)
- Green (97%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2668, 0.3036, 0.3211 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 92.2668, 0.3036, 0.3211 by changing the saturation by 10% instead.


 92.2668, 0.3036,
0.3211

 92.2668, 0.3036,
0.3211

535.3774, 0.3076,
0.3246

 69.8622, 0.3027,
0.3203

150.4831, 0.3050,
0.3223

 51.4142, 0.3016,
0.3194


187.0637, 0.3055,
0.3228

 36.5384, 0.3003,
0.3182


229.1383, 0.3060,
0.3232

 24.8503, 0.2986,
0.3168

277.0915, 0.3064,
0.3235

 15.9655, 0.2964,
0.3148

331.3077, 0.3068,
0.3239

 9.4998, 0.2934,
0.3121

392.1711, 0.3071,

 5.0686, 0.2889,

0.3241

0.3082

460.0662, 0.3074,
0.3244

■ 2.2876, 0.2818,
0.3019

■ 0.7671, 0.2673,
0.2895

■ 92.2668, 0.3036,
0.3211

■ 92.2668, 0.3036,
0.3211

■ 80.1349, 0.2876,
0.3065

100.0000, 0.3127,
0.3290

■ 69.1903, 0.2710,
0.2903

■ 59.3942, 0.2543,
0.2725

■ 50.7030, 0.2376,
0.2533

■ 43.0700, 0.2217,
0.2331

■ 36.4441, 0.2071,
0.2121

■ 30.7691, 0.1943,
0.1912

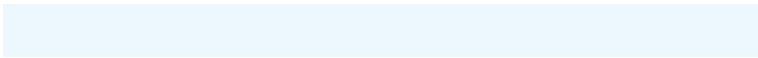
■ 25.9810, 0.1839,
0.1708

■ 22.0035, 0.1761,
0.1517

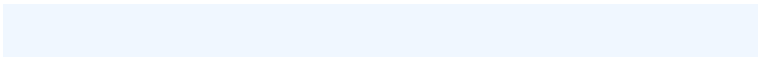
Harmonies

Analogous

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



92.2668, 0.3025, 0.3244



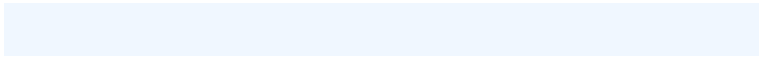
92.2668, 0.3036, 0.3211



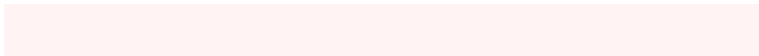
92.2668, 0.3071, 0.3200

Triad

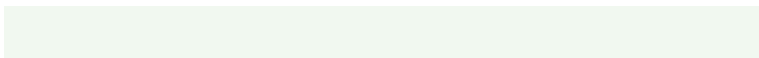
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2668, 0.3036, 0.3211



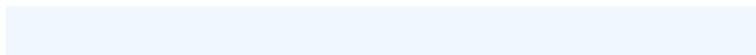
92.2668, 0.3214, 0.3290



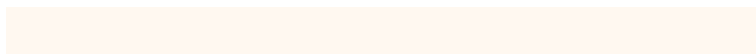
92.2668, 0.3132, 0.3370

Complementary

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



92.2668, 0.3036, 0.3211



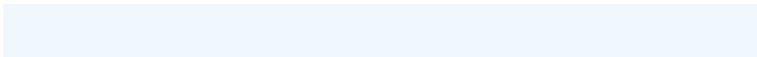
94.6483, 0.3220, 0.3368

Split Complementary

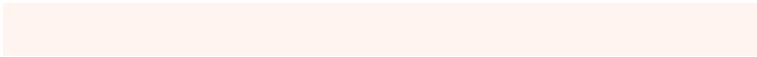
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2668, 0.3183, 0.3382



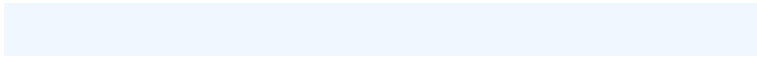
92.2668, 0.3036, 0.3211



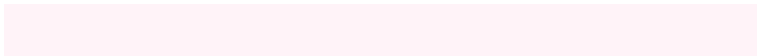
92.2668, 0.3231, 0.3336

Square

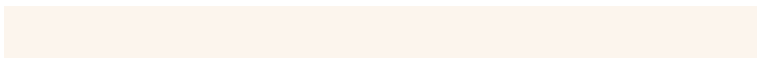
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



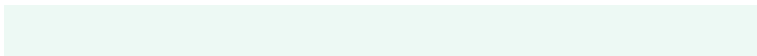
92.2668, 0.3036, 0.3211



92.2668, 0.3174, 0.3246



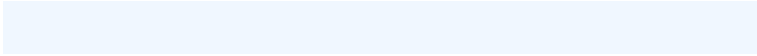
92.2668, 0.3219, 0.3369



92.2668, 0.3080, 0.3335

Rectangle

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



92.2668, 0.3036, 0.3211



92.2668, 0.3104, 0.3206



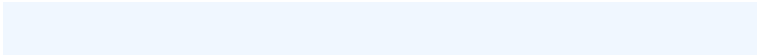
92.2668, 0.3219, 0.3369



92.2668, 0.3150, 0.3376

Sweetspot

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



92.2689, 0.3036, 0.3211



97.3304, 0.3097, 0.3264



96.7985, 0.3076, 0.3361



20.8608, 0.3098, 0.3265



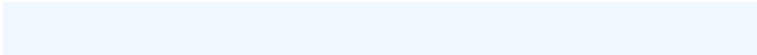
0.0000, 0.0000, 0.0000



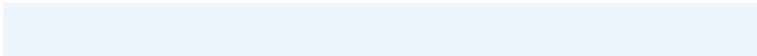
21.4041, 0.3127, 0.3290

Same Dimension

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



92.2689, 0.3036, 0.3211



90.8732, 0.3019, 0.3196



88.0774, 0.3039, 0.3141



19.2882, 0.3009, 0.3188



11.0396, 0.1742, 0.1472



1.2913, 0.1802, 0.1686

Inverse Universe

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



90.2719, 0.3183, 0.3222



88.5400, 0.3194, 0.3209



99.0213, 0.3213, 0.3435



18.7504, 0.3200, 0.3202



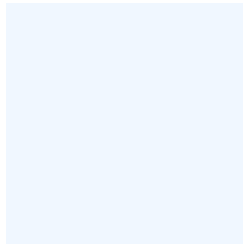
11.8424, 0.5095, 0.2581



1.1749, 0.4824, 0.2431

Previews

White Background



This preview shows how the Yxy color 92.2668, 0.3036, 0.3211 looks on a white background.

Color Contrast Check

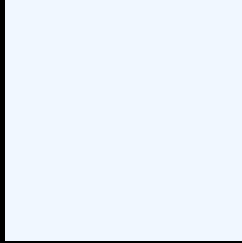
Large Text (above 18pt) WCAG AA × Fail

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 92.2668, 0.3036, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

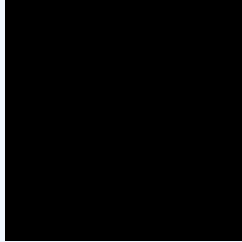
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

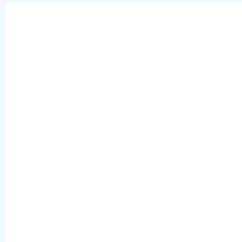
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2668, 0.3036, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 92.2668, 0.3036, 0.3211.

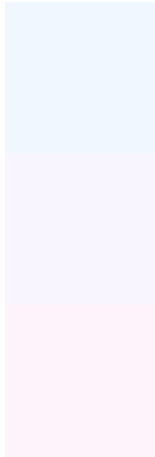


This preview shows how white text looks on a background with the Yxy color 92.2668, 0.3036, 0.3211.

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

92.2668, 0.3036, 0.3211

Protanopia

92.4170, 0.3093, 0.3203

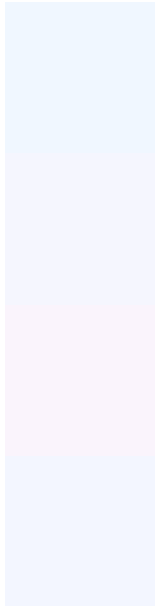
Deuteranopia

92.3262, 0.3157, 0.3213

Tritanopia

92.3646, 0.3062, 0.3202

Trichromacy



Original Color

92.2668, 0.3036, 0.3211

Protanomaly

92.4798, 0.3074, 0.3212

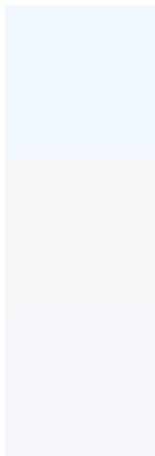
Deuteranomaly

92.0536, 0.3118, 0.3212

Tritanomaly

92.1862, 0.3055, 0.3202

Monochromacy



Original Color

92.2668, 0.3036, 0.3211

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.9842, 0.3097, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2668, 0.3036, 0.3211 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(240, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 247, 255)  
}
```

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(240, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 247, 255) }
```

Border

The CSS property to change the border of an element to Yxy 92.2668, 0.3036, 0.3211 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(240, 247, 255) }
```

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

```
.border{ border-color:rgb(240, 247, 255) }
```

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

Here you see how a box with a 4 pixel rgb(240, 247, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 247,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 92.2668, 0.3036, 0.3211$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 247, 255) }
```

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

```
.background{ background-color: rgb(240,  
247, 255) }
```

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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