

Converting Colors

$Yxy(95.2629, 0.3066, 0.3247)$

Have a look what the booklet for
Yxy(95.2629, 0.3066, 0.3247)
contains.

Yxy(95.0037, 0.3067, 0.3241)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.0037, 0.3067, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	F5FAFF
RGB	245, 250, 255
RGB Percent	96%, 98%, 100%
CMY	0.0391, 0.0196, 0.0000
CMYK	0.04, 0.02, 0.00, 0.00
HSL	210°, 100%, 98%
HSV	210°, 4%, 100%
XYZ	89.9032, 95.0037, 108.2239
YIQ	249.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

Format	Color
R _Y B	245, 248, 255
Decimal	16120575
CIE Lab	98.03, -0.72, -2.98
CIE LCh	98, 3.069, 256.475
Yxy	95.0037, 0.3067, 0.3241
Android (android.graphics.Color)	4294310655 (0xFF5FAFF)
YUV	249.0750, 2.9210, -3.5738
Hunter-Lab	97.4698, -5.9292, 2.3973

Details

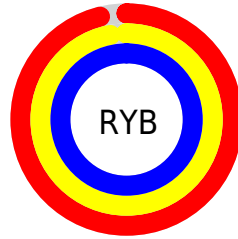
The Yxy color 95.0037, 0.3067, 0.3241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.2521, 0.3188, 0.3338, and the grayscale version is 94.7801, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4796, 0.3058, 0.3240 is the 20% darker color. If you saturate the color by 10%, you get 83.0372, 0.2909, 0.3106, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

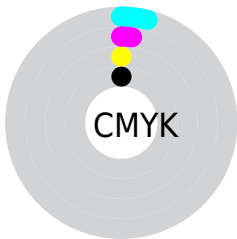
Distribution



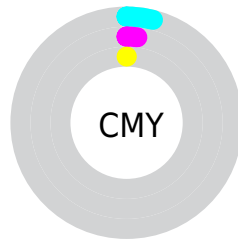
- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- Blue (100%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0037, 0.3067, 0.3241 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 95.0037, 0.3067, 0.3241 by changing the saturation by 10% instead.


 95.0037, 0.3067,
0.3241

 95.0037, 0.3067,
0.3241


544.1768, 0.3094,
0.3263

 72.1381, 0.3061,
0.3236

154.2697, 0.3076,
0.3248

 53.2715, 0.3054,
0.3231


191.4389, 0.3080,
0.3251

 38.0195, 0.3046,
0.3223


234.1447, 0.3083,
0.3254

 25.9978, 0.3035,
0.3214

282.7715, 0.3085,
0.3256

 16.8220, 0.3020,
0.3202

337.7037, 0.3088,
0.3258

 10.1077, 0.3000,
0.3186

399.3257, 0.3090,

 5.4704, 0.2972,

0.3260

0.3163

468.0220, 0.3092,
0.3261

■ 2.5258, 0.2927,
0.3125

■ 0.8895, 0.2845,
0.3056

■ 95.0037, 0.3067,
0.3241

■ 95.0037, 0.3067,
0.3241

■ 83.0372, 0.2909,
0.3106

100.0000, 0.3127,
0.3290

■ 72.2048, 0.2745,
0.2956

■ 62.4705, 0.2580,
0.2791

■ 53.7934, 0.2416,
0.2612

■ 46.1297, 0.2259,
0.2423

■ 39.4318, 0.2114,
0.2226

■ 33.6469, 0.1986,
0.2027

■ 28.7156, 0.1880,
0.1831

■ 24.5673, 0.1799,
0.1645

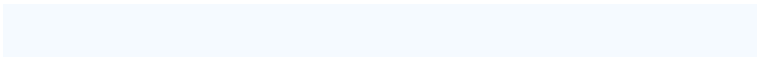
Harmonies

Analogous

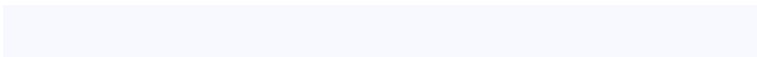
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0037, 0.3062, 0.3263



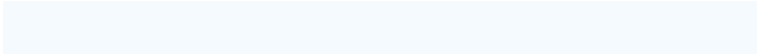
95.0037, 0.3067, 0.3241



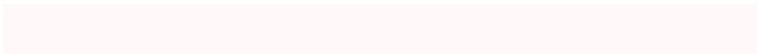
95.0037, 0.3088, 0.3232

Triad

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



95.0037, 0.3067, 0.3241



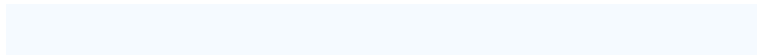
95.0037, 0.3181, 0.3287



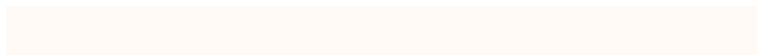
95.0037, 0.3134, 0.3343

Complementary

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



95.0037, 0.3067, 0.3241



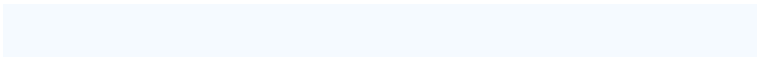
96.2521, 0.3188, 0.3338

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.



95.0037, 0.3166, 0.3349



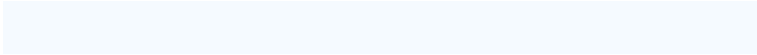
95.0037, 0.3067, 0.3241



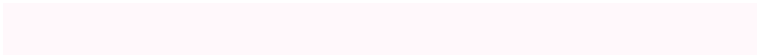
95.0037, 0.3193, 0.3317

Square

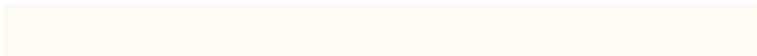
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



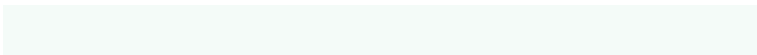
95.0037, 0.3067, 0.3241



95.0037, 0.3154, 0.3259



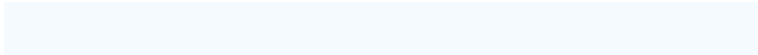
95.0037, 0.3188, 0.3339



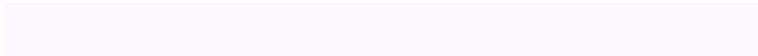
95.0037, 0.3100, 0.3322

Rectangle

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



95.0037, 0.3067, 0.3241



95.0037, 0.3109, 0.3235



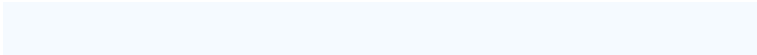
95.0037, 0.3188, 0.3339



95.0037, 0.3145, 0.3346

Sweetspot

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



95.0063, 0.3067, 0.3241



98.7049, 0.3112, 0.3278



97.8422, 0.3094, 0.3338



21.1406, 0.3113, 0.3278



0.0000, 0.0000, 0.0000



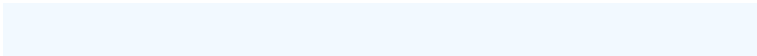
21.4041, 0.3127, 0.3290

Same Dimension

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



95.0063, 0.3067, 0.3241



93.6423, 0.3050, 0.3227



91.9655, 0.3068, 0.3193



19.8571, 0.3039, 0.3218



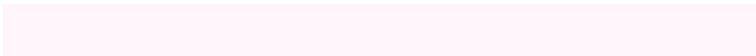
11.9863, 0.1768, 0.1566



1.3854, 0.1826, 0.1772

Inverse Universe

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



93.4883, 0.3162, 0.3242



91.7274, 0.3172, 0.3229



99.3748, 0.3185, 0.3385



19.3940, 0.3178, 0.3220



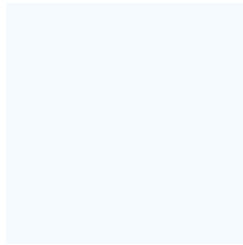
11.9380, 0.4975, 0.2514



1.1844, 0.4719, 0.2373

Previews

White Background



This preview shows how the Yxy color 95.0037, 0.3067, 0.3241 looks on a white background.

Color Contrast Check

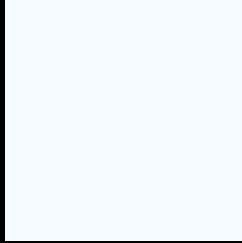
Large Text (above 18pt) WCAG AA × Fail

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 95.0037, 0.3067, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

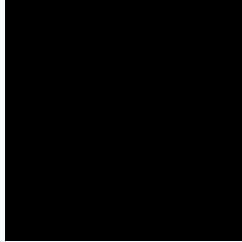
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

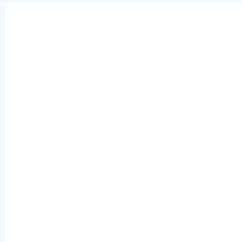
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0037, 0.3067, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 95.0037, 0.3067, 0.3241.

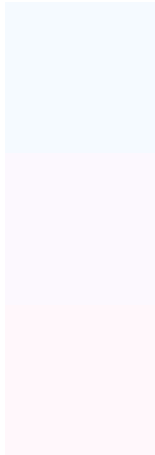


This preview shows how white text looks on a background with the Yxy color 95.0037, 0.3067, 0.3241.

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

95.0037, 0.3067, 0.3241

Protanopia

94.9860, 0.3117, 0.3232

Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.0037, 0.3067, 0.3241

Protanomaly

95.0469, 0.3098, 0.3242

Deuteranomaly

94.6723, 0.3123, 0.3251

Tritanomaly

94.9278, 0.3086, 0.3232

Monochromacy



Original Color

95.0037, 0.3067, 0.3241

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.6729, 0.3109, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0037, 0.3067, 0.3241 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, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 250, 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(245, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 255) }
```

Border

The CSS property to change the border of an element to Yxy 95.0037, 0.3067, 0.3241 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, 250, 255) }
```

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

```
.border{ border-color:rgb(245, 250, 255) }
```

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

Here you see how a box with a 4 pixel rgb(245, 250, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0037, 0.3067, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 255) }
```

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

```
.background{ background-color: rgb(245,  
250, 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](#).

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