

Converting Colors

Yxy(91.6694, 0.3074, 0.3238)

Have a look what the booklet for
Yxy(91.6694, 0.3074, 0.3238)
contains.

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Color

Yxy(91.7538, 0.3072, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	F2F6FB
RGB	242, 246, 251
RGB Percent	95%, 96%, 98%
CMY	0.0512, 0.0352, 0.0157
CMYK	0.04, 0.02, 0.00, 0.02
HSL	213°, 53%, 97%
HSV	213°, 4%, 98%
XYZ	86.9694, 91.7538, 104.3802
YIQ	245.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

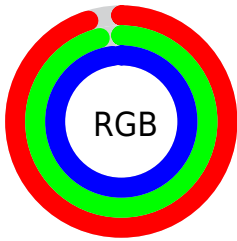
Format	Color
R _Y B	242, 245, 251
Decimal	15922939
CIE Lab	96.72, -0.45, -2.86
CIE LCh	97, 2.895, 261.139
Yxy	91.7538, 0.3072, 0.3241
Android (android.graphics.Color)	4294113019 (0xFFFF2F6FB)
YUV	245.3740, 2.7736, -2.9590
Hunter-Lab	95.7882, -5.5632, 2.4436

Details

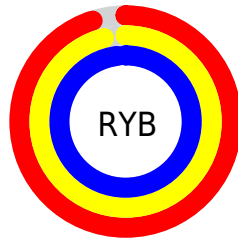
The Yxy color **91.7538, 0.3072, 0.3241** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.3772, 0.3183, 0.3339**, and the grayscale version is **91.6027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2061, 0.3057, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **79.5482, 0.2913, 0.3094**, and if you desaturate by 10%, it is **99.7441, 0.3150, 0.3328**.

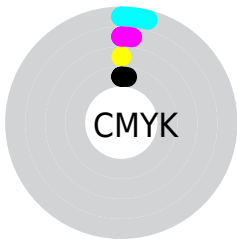
Distribution



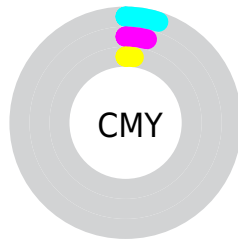
- Red (95%)
- Green (96%)
- Blue (98%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.7538, 0.3072, 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 91.7538, 0.3072, 0.3241 by changing the saturation by 10% instead.

91.7538, 0.3072,
0.3241

91.7538, 0.3072,
0.3241

533.7195, 0.3097,
0.3263

69.4362, 0.3067,
0.3236

149.7721, 0.3080,
0.3248

51.0670, 0.3060,
0.3230

186.2416, 0.3084,
0.3251

36.2619, 0.3052,
0.3223

228.1971, 0.3086,
0.3254

24.6366, 0.3042,
0.3214

276.0231, 0.3089,
0.3256

15.8065, 0.3028,
0.3202

330.1039, 0.3091,
0.3258

9.3873, 0.3009,
0.3185

390.8240, 0.3093,

4.9947, 0.2982,

0.3260

0.3160

458.5678, 0.3095,
0.3261

■ 2.2441, 0.2938,
0.3121

■ 0.7439, 0.2841,
0.3035

■ 91.7538, 0.3072,
0.3241

■ 91.7538, 0.3072,
0.3241

■ 79.5482, 0.2913,
0.3094

99.7441, 0.3150,
0.3328

■ 68.5311, 0.2748,
0.2930

■ 58.6663, 0.2579,
0.2749

■ 49.9111, 0.2410,
0.2554

■ 42.2197, 0.2247,
0.2347

■ 35.5427, 0.2095,
0.2132

■ 29.8256, 0.1960,
0.1915

■ 25.0071, 0.1847,
0.1704

■ 21.0153, 0.1762,
0.1505

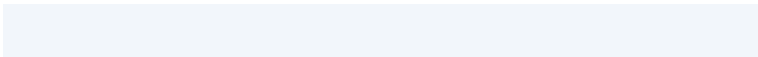
Harmonies

Analogous

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



91.7538, 0.3064, 0.3261



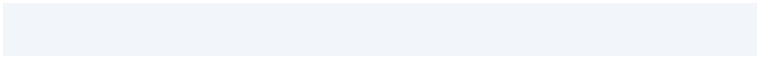
91.7538, 0.3072, 0.3241



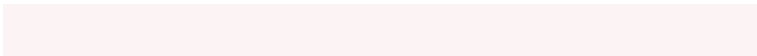
91.7538, 0.3094, 0.3235

Triad

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



91.7538, 0.3072, 0.3241



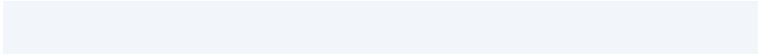
91.7538, 0.3181, 0.3292



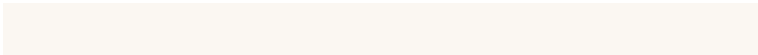
91.7538, 0.3129, 0.3338

Complementary

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



91.7538, 0.3072, 0.3241



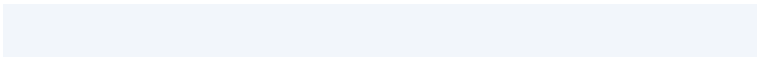
93.3772, 0.3183, 0.3339

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.



91.7538, 0.3160, 0.3346



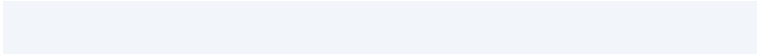
91.7538, 0.3072, 0.3241



91.7538, 0.3191, 0.3319

Square

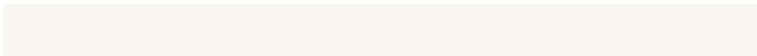
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



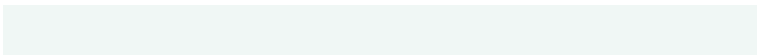
91.7538, 0.3072, 0.3241



91.7538, 0.3157, 0.3264



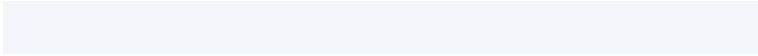
91.7538, 0.3183, 0.3339



91.7538, 0.3097, 0.3317

Rectangle

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



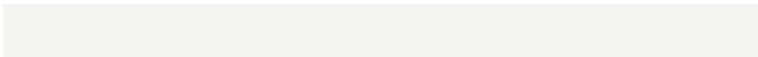
91.7538, 0.3072, 0.3241



91.7538, 0.3115, 0.3239



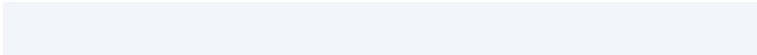
91.7538, 0.3183, 0.3339



91.7538, 0.3140, 0.3342

Sweetspot

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



91.7577, 0.3072, 0.3241



98.6301, 0.3112, 0.3277



94.5537, 0.3095, 0.3331



21.1254, 0.3113, 0.3277



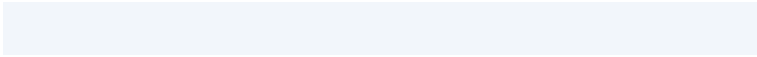
0.0000, 0.0000, 0.0000



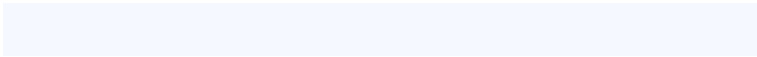
21.4041, 0.3127, 0.3290

Same Dimension

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



91.7577, 0.3072, 0.3241



94.5977, 0.3066, 0.3235



89.3551, 0.3075, 0.3201



19.1823, 0.3054, 0.3225



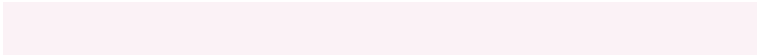
10.1843, 0.1727, 0.1417



1.1518, 0.1790, 0.1644

Inverse Universe

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



90.6323, 0.3161, 0.3250



93.3086, 0.3165, 0.3246



95.8436, 0.3178, 0.3378



18.8725, 0.3173, 0.3238



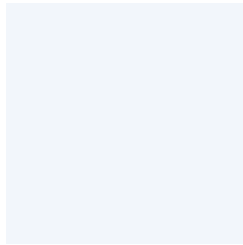
11.4390, 0.5169, 0.2621



1.0805, 0.4876, 0.2460

Previews

White Background



This preview shows how the Yxy color 91.7538, 0.3072, 0.3241 looks on a white background.

Color Contrast Check

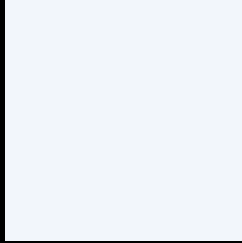
Large Text (above 18pt) WCAG AA × Fail

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 91.7538, 0.3072, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

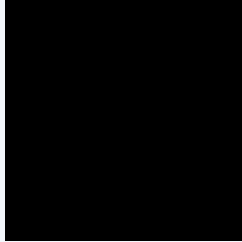
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

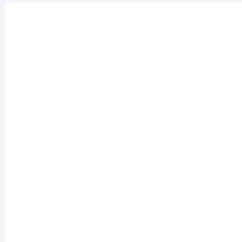
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7538, 0.3072, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 91.7538, 0.3072, 0.3241.

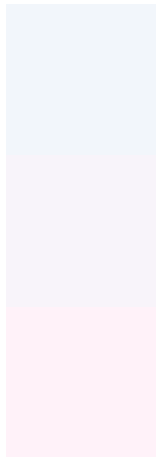


This preview shows how white text looks on a background with the Yxy color 91.7538, 0.3072, 0.3241.

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

91.7538, 0.3072, 0.3241

Protanopia

91.5600, 0.3117, 0.3231

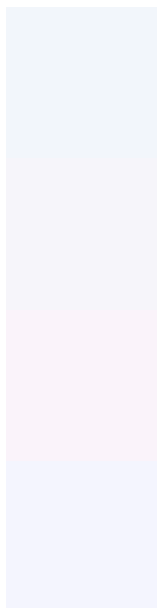
Deuteranopia

91.6038, 0.3169, 0.3223

Tritanopia

91.9373, 0.3068, 0.3192

Trichromacy



Original Color

91.7538, 0.3072, 0.3241

Protanomaly

91.7998, 0.3104, 0.3241

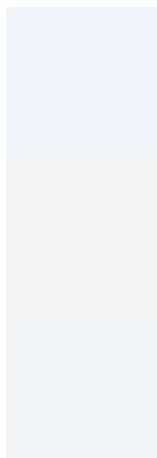
Deuteranomaly

91.3273, 0.3130, 0.3222

Tritanomaly

91.6937, 0.3068, 0.3202

Monochromacy



Original Color

91.7538, 0.3072, 0.3241

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.2533, 0.3109, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7538, 0.3072, 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(242, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(242, 246, 251)  
}
```

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(242, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 246, 251) }
```

Border

The CSS property to change the border of an element to Yxy 91.7538, 0.3072, 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(242, 246, 251) }
```

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

```
.border{ border-color:rgb(242, 246, 251) }
```

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

Here you see how a box with a 4 pixel rgb(242, 246, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(242, 246,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7538, 0.3072, 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(242, 246, 251) }
```

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

```
.background{ background-color: rgb(242,  
246, 251) }
```

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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