

Converting Colors

$Y_{xy}(24.2211, 0.2036, 0.1928)$

Have a look what the booklet for
Yxy(24.2211, 0.2036, 0.1928)
contains.

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Color

Yxy(24.2585, 0.2035, 0.1927)

Conversions

Conversions Part 1

Format	Color
Hex	4F86E3
RGB	79, 134, 227
RGB Percent	31%, 53%, 89%
CMY	0.6900, 0.4745, 0.1098
CMYK	0.65, 0.41, 0.00, 0.11
HSL	218°, 73%, 60%
HSV	218°, 65%, 89%
XYZ	25.6181, 24.2585, 76.0108
YIQ	128.1570, -62.6330, 17.2630

Conversions

Conversions Part 2

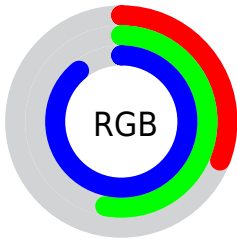
Format	Color
R _Y B	79, 119, 227
Decimal	5211875
CIE Lab	56.35, 11.14, -52.69
CIE LCh	56, 53.851, 281.942
Yxy	24.2585, 0.2035, 0.1927
Android (android.graphics.Color)	4283401955 (0xFF4F86E3)
YUV	128.1570, 48.7296, -43.1107
Hunter-Lab	49.2529, 6.6512, -57.0237

Details

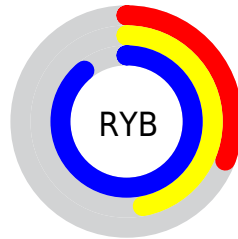
The Yxy color **24.2585, 0.2035, 0.1927** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **46.4273, 0.4426, 0.4294**, and the grayscale version is **21.4920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4234, 0.2379, 0.2462**, and **9.4373, 0.1772, 0.1577** is the 20% darker color. If you saturate the color by 10%, you get **19.7636, 0.1893, 0.1685**, and if you desaturate by 10%, it is **29.6196, 0.2196, 0.2172**.

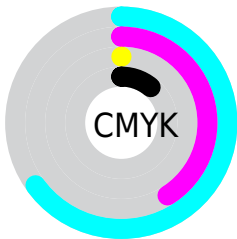
Distribution



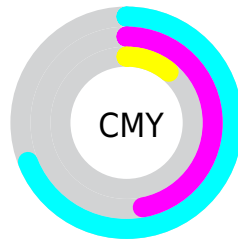
- Red (31%)
- Green (53%)
- Blue (89%)



- Red (31%)
- Yellow (47%)
- Blue (89%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.2585, 0.2035, 0.1927 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 24.2585, 0.2035, 0.1927 by changing the saturation by 10% instead.

■ 24.2585, 0.2035,
0.1927

■ 24.2585, 0.2035,
0.1927

274.1248, 0.2607,
0.2616

■ 15.5255, 0.1891,
0.1762

■ 50.4517, 0.2245,
0.2174

■ 9.1890, 0.1710,
0.1557

■ 68.6807, 0.2323,
0.2268

■ 4.8647, 0.1476,
0.1300

■ 90.8438, 0.2390,
0.2348

■ 2.1681, 0.1173,
0.0980

■ 117.3254, 0.2446,
0.2417

■ 0.7025, 0.0788,
0.0587

148.5099, 0.2495,
0.2477

■ 0.0000, 0.0000,
0.0000

184.7817, 0.2537,

0.2529

226.5252, 0.2574,
0.2575

■ 24.2585, 0.2035,
0.1927

■ 24.2585, 0.2035,
0.1927

■ 19.7636, 0.1893,
0.1685

■ 29.6196, 0.2196,
0.2172

■ 16.0760, 0.1776,
0.1456

■ 35.8950, 0.2368,
0.2411

■ 13.1303, 0.1689,
0.1249

■ 43.1315, 0.2544,
0.2637

■ 11.9335, 0.1655,
0.1158

■ 51.3716, 0.2719,
0.2847

■ 60.6550, 0.2888,
0.3038

■ 71.0192, 0.3048,
0.3209

■ 82.4994, 0.3198,
0.3361

■ 94.0408, 0.3299,
0.3497

■ 98.3265, 0.3292,
0.3562

Harmonies

Analogous

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



24.2585, 0.1658, 0.2057



24.2585, 0.2035, 0.1927



24.2585, 0.2731, 0.2071

Triad

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



24.2585, 0.2035, 0.1927



24.2585, 0.4952, 0.3626



24.2585, 0.2453, 0.4420

Complementary

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



24.2585, 0.2035, 0.1927



46.4273, 0.4426, 0.4294

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.



24.2585, 0.3292, 0.5004



24.2585, 0.2035, 0.1927



24.2585, 0.4761, 0.4284

Square

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



24.2585, 0.2035, 0.1927



24.2585, 0.4545, 0.2994



24.2585, 0.4133, 0.4850



24.2585, 0.1847, 0.3386

Rectangle

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



24.2585, 0.2035, 0.1927



24.2585, 0.3343, 0.2299



24.2585, 0.4133, 0.4850



24.2585, 0.2717, 0.4695

Sweetspot

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



24.2593, 0.2035, 0.1927



72.7999, 0.2805, 0.2946



59.5205, 0.2617, 0.4100



14.8620, 0.2757, 0.2891



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.



24.2593, 0.2035, 0.1927



24.0183, 0.1851, 0.1607



13.6494, 0.1968, 0.1248



14.7595, 0.2981, 0.3138



7.1643, 0.1663, 0.1185



0.7027, 0.1744, 0.1477

Inverse Universe

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



23.6525, 0.4432, 0.2703



25.7087, 0.4863, 0.2678



69.1725, 0.3890, 0.4858



14.4561, 0.3234, 0.3203



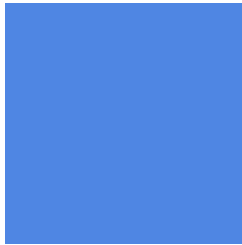
9.9209, 0.5487, 0.2797



0.7506, 0.5088, 0.2577

Previews

White Background



This preview shows how the Yxy color 24.2585, 0.2035, 0.1927 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2585, 0.2035, 0.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

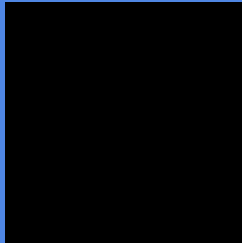
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

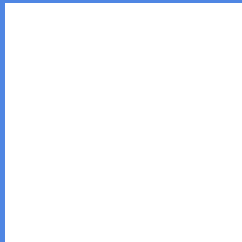
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.2585, 0.2035, 0.1927

Background



This preview shows how black text looks on a background with the Yxy color 24.2585, 0.2035, 0.1927.



This preview shows how white text looks on a background with the Yxy color 24.2585, 0.2035, 0.1927.

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

24.2585, 0.2035, 0.1927

Protanopia

24.1012, 0.2124, 0.1939

Deuteranopia

24.4565, 0.2004, 0.1945



Tritanopia

24.1299, 0.2249, 0.3060

Trichromacy



Original Color

24.2585, 0.2035, 0.1927

Protanomaly

24.1124, 0.2090, 0.1934

Deuteranomaly

24.2905, 0.2013, 0.1934

Tritanomaly

23.8625, 0.2151, 0.2574

Monochromacy



Original Color

24.2585, 0.2035, 0.1927

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.9606, 0.2596, 0.2700

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2585, 0.2035, 0.1927 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(79, 134, 227)` looks like.

```
.text, #text, p{  
  color:rgb(79, 134, 227)  
}
```

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(79, 134, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 134, 227) }
```

Border

The CSS property to change the border of an element to Yxy 24.2585, 0.2035, 0.1927 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(79, 134, 227) }
```

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

```
.border{ border-color:rgb(79, 134, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 134, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 134, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 134, 227);  
box-shadow:4px 4px 4px 4px rgb(79, 134,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2585, 0.2035, 0.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 134, 227) }
```

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

```
.background{ background-color: rgb(79, 134,  
227) }
```

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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