

Converting Colors

$Y_{xy}(25.9610, 0.2026, 0.1730)$

Have a look what the booklet for
Yxy(25.9610, 0.2026, 0.1730)
contains.

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Color

Yxy(25.9460, 0.2026, 0.1727)

Conversions

Conversions Part 1

Format	Color
Hex	6184FA
RGB	97, 132, 250
RGB Percent	38%, 52%, 98%
CMY	0.6195, 0.4824, 0.0196
CMYK	0.61, 0.47, 0.00, 0.02
HSL	226°, 94%, 68%
HSV	226°, 61%, 98%
XYZ	30.4381, 25.9460, 93.8533
YIQ	134.9870, -58.7380, 29.2780

Conversions

Conversions Part 2

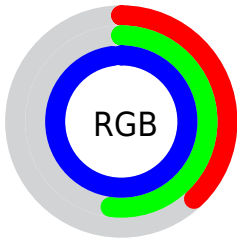
Format	Color
R _Y B	97, 125, 250
Decimal	6391034
CIE _{Lab}	57.99, 23.18, -62.78
CIE _{LCh}	58, 66.919, 290.264
Y _{xy}	25.9460, 0.2026, 0.1727
Android (android.graphics.Color)	4284581114 (0xFF6184FA)
Y _{UV}	134.9870, 56.7014, -33.3146
Hunter-Lab	50.9372, 17.5245, -73.5875

Details

The Yxy color **25.9460, 0.2026, 0.1727** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.8048, 0.4197, 0.4446**, and the grayscale version is **24.0275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2889, 0.2479, 0.2458**, and **10.0561, 0.1712, 0.1349** is the 20% darker color. If you saturate the color by 10%, you get **20.0272, 0.1859, 0.1443**, and if you desaturate by 10%, it is **33.2657, 0.2211, 0.2021**.

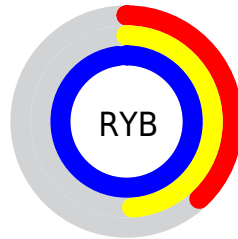
Distribution



Red (38%)

Green (52%)

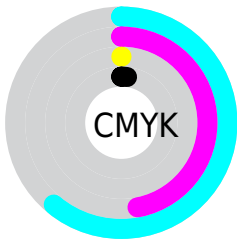
Blue (98%)



Red (38%)

Yellow (49%)

Blue (98%)

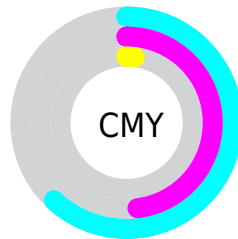


Cyan (61%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (62%)


Magenta (48%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9460, 0.2026, 0.1727 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 25.9460, 0.2026, 0.1727 by changing the saturation by 10% instead.


 25.9460, 0.2026,
0.1727


 25.9460, 0.2026,
0.1727


282.5169, 0.2596,
0.2479


 16.7832, 0.1887,
0.1558


 53.1878, 0.2232,
0.1988


 10.0801, 0.1713,
0.1356


 72.0357, 0.2310,
0.2090

 5.4521, 0.1494,
0.1112


 94.8807, 0.2377,
0.2177

 2.5149, 0.1215,
0.0823

 122.1072, 0.2433,
0.2254

 0.8841, 0.0866,
0.0497

154.0998, 0.2482,
0.2321

 0.0000, 0.0381,
0.0000

191.2426, 0.2525,

 0.0000, 0.0000,

0.2380

0.0000

233.9202, 0.2562,
0.2432

■ 25.9460, 0.2026,
0.1727

■ 25.9460, 0.2026,
0.1727

■ 20.0272, 0.1859,
0.1443

■ 33.2657, 0.2211,
0.2021

■ 15.4114, 0.1721,
0.1185

■ 42.0699, 0.2404,
0.2310

■ 11.9901, 0.1620,
0.0969

■ 52.4382, 0.2595,
0.2585

■ 9.8450, 0.1561,
0.0821

■ 64.4435, 0.2779,
0.2837

■ 78.1543, 0.2951,
0.3065

93.6348, 0.3109,
0.3268

99.6827, 0.3156,
0.3338

Harmonies

Analogous

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



25.9460, 0.1508, 0.1769



25.9460, 0.2026, 0.1727



25.9460, 0.2930, 0.1968

Triad

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



25.9460, 0.2026, 0.1727



25.9460, 0.5297, 0.3820



25.9460, 0.2064, 0.4351

Complementary

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



25.9460, 0.2026, 0.1727



69.8048, 0.4197, 0.4446

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.



25.9460, 0.2981, 0.5318



25.9460, 0.2026, 0.1727



25.9460, 0.4845, 0.4592

Square

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



25.9460, 0.2026, 0.1727



25.9460, 0.5051, 0.3100



25.9460, 0.3988, 0.5262



25.9460, 0.1497, 0.3040

Rectangle

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



25.9460, 0.2026, 0.1727



25.9460, 0.3703, 0.2268



25.9460, 0.3988, 0.5262



25.9460, 0.2341, 0.4767

Sweetspot

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



25.9468, 0.2026, 0.1727



71.7637, 0.2835, 0.2912



75.7902, 0.2529, 0.3736



14.5034, 0.2784, 0.2844



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.



25.9468, 0.2026, 0.1727



19.9386, 0.1831, 0.1392



20.8428, 0.2196, 0.1431



17.2868, 0.2979, 0.3101



5.3994, 0.1568, 0.0845



0.6530, 0.1627, 0.1058

Inverse Universe

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



30.5441, 0.4620, 0.2948



26.6546, 0.5095, 0.2936



82.8265, 0.3699, 0.4886



17.2902, 0.3258, 0.3236



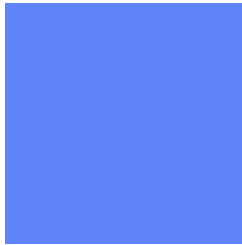
10.9560, 0.5998, 0.3078



1.0301, 0.5673, 0.2899

Previews

White Background



This preview shows how the Yxy color 25.9460, 0.2026, 0.1727 looks on a white background.

Color Contrast Check

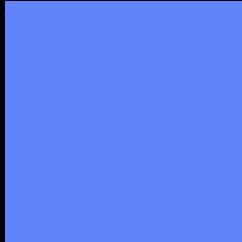
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9460, 0.2026, 0.1727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

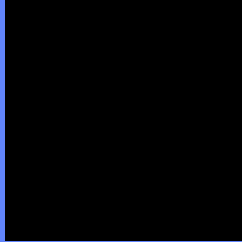
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9460, 0.2026, 0.1727

Background



This preview shows how black text looks on a background with the Yxy color 25.9460, 0.2026, 0.1727.



This preview shows how white text looks on a background with the Yxy color 25.9460, 0.2026, 0.1727.

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

25.9460, 0.2026, 0.1727

Protanopia

26.1253, 0.1951, 0.1716

Deuteranopia

26.1184, 0.1857, 0.1794



Tritanopia

25.9490, 0.2307, 0.3069

Trichromacy



Original Color

25.9460, 0.2026, 0.1727

Protanomaly

26.0569, 0.1975, 0.1719

Deuteranomaly

25.8287, 0.1892, 0.1760

Tritanomaly

25.4930, 0.2177, 0.2466

Monochromacy



Original Color

25.9460, 0.2026, 0.1727

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.2895, 0.2600, 0.2594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9460, 0.2026, 0.1727 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(97, 132, 250)` looks like.

```
.text, #text, p{  
    color:rgb(97, 132, 250)  
}
```

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(97, 132, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 132, 250) }
```

Border

The CSS property to change the border of an element to Yxy 25.9460, 0.2026, 0.1727 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(97, 132, 250) }
```

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

```
.border{ border-color:rgb(97, 132, 250) }
```

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

Here you see how a box with a 4 pixel rgb(97, 132, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 132, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 132, 250);  
box-shadow:4px 4px 4px 4px rgb(97, 132,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9460, 0.2026, 0.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 132, 250) }
```

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

```
.background{ background-color: rgb(97, 132,  
250) }
```

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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