

Converting Colors

$Y_{xy}(25.4658, 0.1979, 0.1655)$

Have a look what the booklet for
Yxy(25.4658, 0.1979, 0.1655)
contains.

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Color

Yxy(25.4606, 0.1979, 0.1655)

Conversions

Conversions Part 1

Format	Color
Hex	5C82FF
RGB	92, 130, 255
RGB Percent	36%, 51%, 100%
CMY	0.6394, 0.4902, 0.0000
CMYK	0.64, 0.49, 0.00, 0.00
HSL	226°, 100%, 68%
HSV	226°, 64%, 100%
XYZ	30.4450, 25.4606, 97.9349
YIQ	132.8880, -62.7730, 30.8190

Conversions

Conversions Part 2

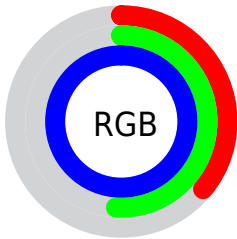
Format	Color
R _Y B	92, 123, 255
Decimal	6062847
CIE Lab	57.52, 25.20, -66.30
CIE LCh	58, 70.927, 290.816
Yxy	25.4606, 0.1979, 0.1655
Android (android.graphics.Color)	4284252927 (0xFF5C82FF)
YUV	132.8880, 60.2012, -35.8588
Hunter-Lab	50.4585, 19.3988, -79.7550

Details

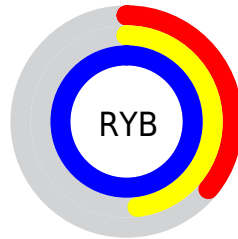
The Yxy color **25.4606, 0.1979, 0.1655** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **71.6321, 0.4249, 0.4478**, and the grayscale version is **23.2034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7438, 0.2455, 0.2417**, and **9.9161, 0.1691, 0.1288** is the 20% darker color. If you saturate the color by 10%, you get **19.6449, 0.1820, 0.1377**, and if you desaturate by 10%, it is **32.7046, 0.2160, 0.1947**.

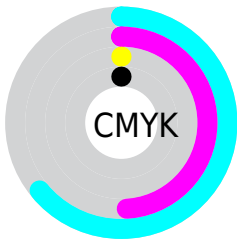
Distribution



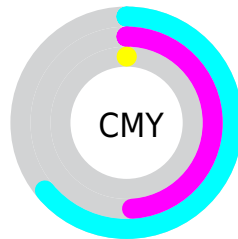
- Red (36%)
- Green (51%)
- Blue (100%)



- Red (36%)
- Yellow (48%)
- Blue (100%)



- Cyan (64%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4606, 0.1979, 0.1655 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 25.4606, 0.1979, 0.1655 by changing the saturation by 10% instead.


 25.4606, 0.1979,
0.1655


 25.4606, 0.1979,
0.1655

280.1241, 0.2571,
0.2434


 16.4206, 0.1836,
0.1483


 52.4035, 0.2193,
0.1923


 9.8222, 0.1658,
0.1278


 71.0751, 0.2274,
0.2029

 5.2813, 0.1436,
0.1035


 93.7260, 0.2342,
0.2120

 2.4132, 0.1156,
0.0751

 120.7406, 0.2401,
0.2199

 0.8327, 0.0813,
0.0439

152.5033, 0.2452,
0.2269

 0.0000, 0.0349,
0.0000

189.3986, 0.2497,

 0.0000, 0.0000,

0.2331

0.0000

231.8107, 0.2536,
0.2385

■ 25.4606, 0.1979,
0.1655

■ 25.4606, 0.1979,
0.1655

■ 19.6449, 0.1820,
0.1377

■ 32.7046, 0.2160,
0.1947

■ 15.1570, 0.1691,
0.1130

■ 41.4705, 0.2351,
0.2237

■ 11.8777, 0.1601,
0.0926

■ 51.8413, 0.2543,
0.2515

■ 10.4006, 0.1563,
0.0828

■ 63.8941, 0.2730,
0.2773

■ 77.7011, 0.2905,
0.3007

93.3302, 0.3067,
0.3215

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



25.4606, 0.1438, 0.1688



25.4606, 0.1979, 0.1655



25.4606, 0.2933, 0.1910

Triad

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



25.4606, 0.1979, 0.1655



25.4606, 0.5413, 0.3830



25.4606, 0.1978, 0.4402

Complementary

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



25.4606, 0.1979, 0.1655



71.6321, 0.4249, 0.4478

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.



25.4606, 0.2931, 0.5462



25.4606, 0.1979, 0.1655



25.4606, 0.4903, 0.4643

Square

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



25.4606, 0.1979, 0.1655



25.4606, 0.5186, 0.3086



25.4606, 0.3986, 0.5378



25.4606, 0.1405, 0.2989

Rectangle

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



25.4606, 0.1979, 0.1655



25.4606, 0.3758, 0.2224



25.4606, 0.3986, 0.5378



25.4606, 0.2265, 0.4859

Sweetspot

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



25.4600, 0.1979, 0.1655



70.4892, 0.2818, 0.2892



78.6604, 0.2526, 0.3796



14.2587, 0.2767, 0.2824



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.



25.4600, 0.1979, 0.1655



18.1351, 0.1777, 0.1298



19.8304, 0.2127, 0.1339



18.0656, 0.2979, 0.3102



5.6214, 0.1570, 0.0852



0.7055, 0.1627, 0.1055

Inverse Universe

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



30.5187, 0.4719, 0.2933



25.3612, 0.5244, 0.2935



86.6241, 0.3732, 0.4936



18.0565, 0.3257, 0.3235



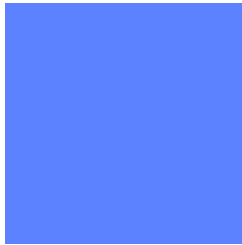
11.2954, 0.5986, 0.3071



1.1158, 0.5676, 0.2900

Previews

White Background



This preview shows how the Yxy color 25.4606, 0.1979, 0.1655 looks on a white background.

Color Contrast Check

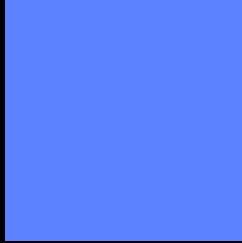
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4606, 0.1979, 0.1655 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 25.4606, 0.1979, 0.1655

Background



This preview shows how black text looks on a background with the Yxy color 25.4606, 0.1979, 0.1655.



This preview shows how white text looks on a background with the Yxy color 25.4606, 0.1979, 0.1655.

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

25.4606, 0.1979, 0.1655

Protanopia

25.4509, 0.1916, 0.1667

Deuteranopia

25.4716, 0.1828, 0.1779



Tritanopia

25.5489, 0.2247, 0.3065

Trichromacy



Original Color

25.4606, 0.1979, 0.1655

Protanomaly

25.4719, 0.1939, 0.1663

Deuteranomaly

24.8338, 0.1836, 0.1709

Tritanomaly

24.8773, 0.2113, 0.2412

Monochromacy



Original Color

25.4606, 0.1979, 0.1655

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.5284, 0.2569, 0.2555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4606, 0.1979, 0.1655 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(92, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 130, 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(92, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 130, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.4606, 0.1979, 0.1655 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(92, 130, 255) }
```

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

```
.border{ border-color:rgb(92, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 130,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4606, 0.1979, 0.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 130, 255) }
```

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

```
.background{ background-color: rgb(92, 130,  
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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