

Converting Colors

$Y_{xy}(24.1719, 0.1914, 0.1614)$

Have a look what the booklet for
Yxy(24.1719, 0.1914, 0.1614)
contains.

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Color

Yxy(24.1719, 0.1914, 0.1614)

Conversions

Conversions Part 1

Format	Color
Hex	4D80FE
RGB	77, 128, 254
RGB Percent	30%, 50%, 100%
CMY	0.6983, 0.4980, 0.0039
CMYK	0.70, 0.50, 0.00, 0.00
HSL	223°, 99%, 65%
HSV	223°, 70%, 100%
XYZ	28.6648, 24.1719, 96.9272
YIQ	127.1150, -70.8420, 28.3740

Conversions

Conversions Part 2

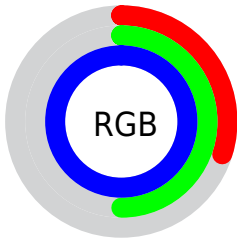
Format	Color
RYB	77, 117, 254
Decimal	5079294
CIELab	56.26, 23.84, -67.81
CIElCh	56, 71.878, 289.372
Yxy	24.1719, 0.1914, 0.1614
Android (android.graphics.Color)	4283269374 (0xFF4D80FE)
YUV	127.1150, 62.5543, -43.9509
Hunter-Lab	49.1649, 18.0329, -82.4731

Details

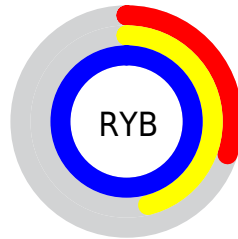
The Yxy color **24.1719, 0.1914, 0.1614** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **64.2804, 0.4416, 0.4467**, and the grayscale version is **21.0593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.7918, 0.2381, 0.2376**, and **9.7228, 0.1689, 0.1280** is the 20% darker color. If you saturate the color by 10%, you get **19.0127, 0.1775, 0.1358**, and if you desaturate by 10%, it is **30.5842, 0.2078, 0.1886**.

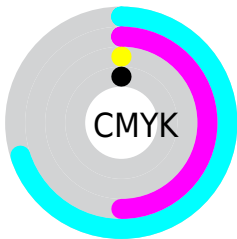
Distribution



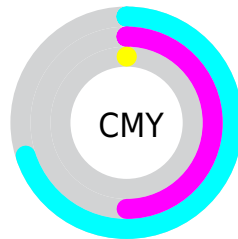
- Red (30%)
- Green (50%)
- Blue (100%)



- Red (30%)
- Yellow (46%)
- Blue (100%)



- Cyan (70%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)





- Cyan (70%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1719, 0.1914, 0.1614 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 24.1719, 0.1914, 0.1614 by changing the saturation by 10% instead.


 24.1719, 0.1914,
0.1614


 24.1719, 0.1914,
0.1614


273.6884, 0.2539,
0.2416


 15.4612, 0.1764,
0.1437


 50.3106, 0.2139,
0.1890

 9.1437, 0.1578,
0.1228


 68.5073, 0.2225,
0.1999

 4.8350, 0.1346,
0.0979


 90.6349, 0.2298,
0.2093

 2.1508, 0.1059,
0.0693

 117.0776, 0.2360,
0.2174

 0.6930, 0.0714,
0.0379

148.2199, 0.2414,
0.2246

 0.0000, 0.0193,
0.0000

184.4462, 0.2461,

 0.0000, 0.0000,

0.2309

0.0000

226.1409, 0.2503,
0.2366

■ 24.1719, 0.1914,
0.1614

■ 24.1719, 0.1914,
0.1614

■ 19.0127, 0.1775,
0.1358

■ 30.5842, 0.2078,
0.1886

■ 15.0089, 0.1669,
0.1131

■ 38.3317, 0.2257,
0.2160

■ 12.0312, 0.1596,
0.0944

■ 47.4912, 0.2443,
0.2426

■ 11.9586, 0.1594,
0.0940

■ 58.1328, 0.2629,
0.2676

■ 70.3212, 0.2807,
0.2905

■ 84.1177, 0.2975,
0.3112

99.5795, 0.3131,
0.3295

99.9363, 0.3133,
0.3299

Harmonies

Analogous

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



24.1719, 0.1385, 0.1660



24.1719, 0.1914, 0.1614



24.1719, 0.2869, 0.1860

Triad

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



24.1719, 0.1914, 0.1614



24.1719, 0.5479, 0.3788



24.1719, 0.1982, 0.4512

Complementary

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



24.1719, 0.1914, 0.1614



64.2804, 0.4416, 0.4467

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.



24.1719, 0.2966, 0.5561



24.1719, 0.1914, 0.1614



24.1719, 0.4974, 0.4618

Square

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



24.1719, 0.1914, 0.1614



24.1719, 0.5213, 0.3038



24.1719, 0.4042, 0.5401



24.1719, 0.1380, 0.3034

Rectangle

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



24.1719, 0.1914, 0.1614



24.1719, 0.3710, 0.2171



24.1719, 0.4042, 0.5401



24.1719, 0.2280, 0.4978

Sweetspot

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



24.1726, 0.1914, 0.1614



69.2739, 0.2785, 0.2877



76.6750, 0.2539, 0.3971



14.0786, 0.2736, 0.2815



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.



24.1726, 0.1914, 0.1614



17.3080, 0.1725, 0.1256



15.9203, 0.1967, 0.1149



18.2313, 0.2979, 0.3116



6.5218, 0.1602, 0.0967



0.8128, 0.1662, 0.1184

Inverse Universe

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



27.9282, 0.4806, 0.2831



23.8033, 0.5341, 0.2860



86.4204, 0.3818, 0.5010



18.0733, 0.3249, 0.3222



11.3863, 0.5809, 0.2974



1.1266, 0.5489, 0.2797

Previews

White Background



This preview shows how the Yxy color 24.1719, 0.1914, 0.1614 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 24.1719, 0.1914, 0.1614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

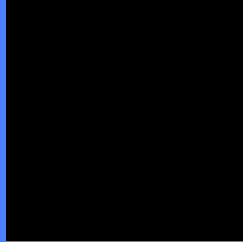
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1719, 0.1914, 0.1614

Background



This preview shows how black text looks on a background with the Yxy color 24.1719, 0.1914, 0.1614.



This preview shows how white text looks on a background with the Yxy color 24.1719, 0.1914, 0.1614.

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

24.1719, 0.1914, 0.1614

Protanopia

24.2753, 0.1874, 0.1616

Deuteranopia

24.1826, 0.1832, 0.1796



Tritanopia

24.0330, 0.2188, 0.3076

Trichromacy



Original Color

24.1719, 0.1914, 0.1614

Protanomaly

24.1857, 0.1886, 0.1609

Deuteranomaly

23.8896, 0.1833, 0.1718

Tritanomaly

23.1917, 0.2027, 0.2381

Monochromacy



Original Color

24.1719, 0.1914, 0.1614

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.4471, 0.2509, 0.2510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1719, 0.1914, 0.1614 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(77, 128, 254)` looks like.

```
.text, #text, p{  
    color:rgb(77, 128, 254)  
}
```

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(77, 128, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 128, 254) }
```

Border

The CSS property to change the border of an element to Yxy 24.1719, 0.1914, 0.1614 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(77, 128, 254) }
```

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

```
.border{ border-color:rgb(77, 128, 254) }
```

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

Here you see how a box with a 4 pixel rgb(77, 128, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 128, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 128, 254);  
box-shadow:4px 4px 4px 4px rgb(77, 128,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1719, 0.1914, 0.1614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 128, 254) }
```

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

```
.background{ background-color: rgb(77, 128,  
254) }
```

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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