

Converting Colors

$Yxy(25.7895, 0.1823, 0.1762)$

Have a look what the booklet for
Yxy(25.7895, 0.1823, 0.1762)
contains.

Yxy(25.6583, 0.1821, 0.1754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.6583, 0.1821, 0.1754)

Conversions

Conversions Part 1

Format	Color
Hex	018CFA
RGB	1, 140, 250
RGB Percent	0%, 55%, 98%
CMY	0.9974, 0.4510, 0.0196
CMYK	1.00, 0.44, 0.00, 0.02
HSL	206°, 99%, 49%
HSV	206°, 100%, 98%
XYZ	26.6384, 25.6583, 93.9878
YIQ	110.9790, -118.1540, 4.7420

Conversions

Conversions Part 2

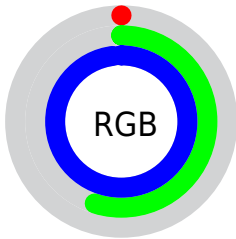
Format	Color
R _Y B	1, 90, 250
Decimal	101626
CIE Lab	57.71, 9.49, -63.34
CIE LCh	58, 64.048, 278.520
Yxy	25.6583, 0.1821, 0.1754
Android (android.graphics.Color)	4278291706 (0xFF018CFA)
YUV	110.9790, 68.5374, -96.4516
Hunter-Lab	50.6540, 5.2267, -74.5539

Details

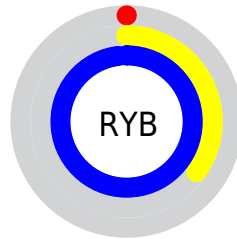
The Yxy color **25.6583, 0.1821, 0.1754** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **31.6225, 0.5603, 0.3931**, and the grayscale version is **15.6810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7394, 0.2250, 0.2511**, and **11.3324, 0.1744, 0.1479** is the 20% darker color. If you saturate the color by 10%, you get **25.5692, 0.1819, 0.1750**, and if you desaturate by 10%, it is **29.2564, 0.1884, 0.1918**.

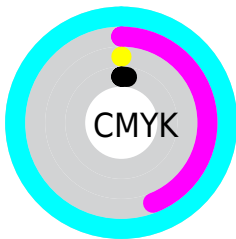
Distribution



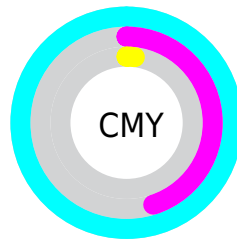
- Red (0%)
- Green (55%)
- Blue (98%)



- Red (0%)
- Yellow (35%)
- Blue (98%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (2%)




- Cyan (100%)
- Magenta (45%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6583, 0.1821, 0.1754 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 25.6583, 0.1821, 0.1754 by changing the saturation by 10% instead.


 25.6583, 0.1821,
0.1754


 25.6583, 0.1821,
0.1754


281.1006, 0.2481,
0.2508


 16.5682, 0.1665,
0.1582


 52.7232, 0.2056,
0.2018

 9.9271, 0.1474,
0.1375


 71.4667, 0.2146,
0.2120


 5.3507, 0.1239,
0.1125

 94.1969, 0.2223,
0.2208

 2.4544, 0.0951,
0.0827

 121.2981, 0.2289,
0.2284

 0.8537, 0.0612,
0.0493

 153.1546, 0.2347,
0.2351

 0.0000, 0.0000,
0.0000

190.1510, 0.2397,

0.2409

232.6715, 0.2441,
0.2461

■ 25.6583, 0.1821,
0.1754

■ 25.6583, 0.1821,
0.1754

■ 25.5692, 0.1819,
0.1750

■ 29.2564, 0.1884,
0.1918

■ 33.4549, 0.1968,
0.2088

■ 38.3421, 0.2075,
0.2262

■ 43.9756, 0.2201,
0.2436

■ 50.4046, 0.2343,
0.2604

■ 57.6732, 0.2496,
0.2765

■ 65.8214, 0.2655,
0.2916

■ 74.8859, 0.2816,
0.3054

■ 84.9013, 0.2976,
0.3180

Harmonies

Analogous

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



25.6583, 0.1450, 0.1921



25.6583, 0.1821, 0.1754



25.6583, 0.2554, 0.1884

Triad

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



25.6583, 0.1821, 0.1754



25.6583, 0.5218, 0.3538



25.6583, 0.2427, 0.4762

Complementary

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



25.6583, 0.1821, 0.1754



31.6225, 0.5603, 0.3931

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.



25.6583, 0.3385, 0.5326



25.6583, 0.1821, 0.1754



25.6583, 0.5030, 0.4274

Square

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



25.6583, 0.1821, 0.1754



25.6583, 0.4682, 0.2855



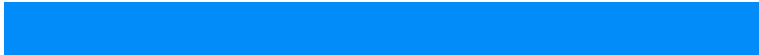
25.6583, 0.4328, 0.4987



25.6583, 0.1718, 0.3522

Rectangle

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



25.6583, 0.1821, 0.1754



25.6583, 0.3238, 0.2117



25.6583, 0.4328, 0.4987



25.6583, 0.2732, 0.5063

Sweetspot

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



25.6590, 0.1821, 0.1754



68.5878, 0.2651, 0.2911



69.4714, 0.2793, 0.5253



13.8886, 0.2583, 0.2849



0.0000, 0.0000, 0.0000



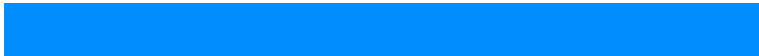
21.4041, 0.3127, 0.3290

Same Dimension

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



25.6590, 0.1821, 0.1754



26.7125, 0.1819, 0.1748



7.3161, 0.1510, 0.0632



18.2520, 0.2980, 0.3183



13.8548, 0.1827, 0.1776



1.4945, 0.1881, 0.1973

Inverse Universe

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



22.2309, 0.4740, 0.2386



23.2278, 0.4748, 0.2389



78.8150, 0.4316, 0.4954



17.3877, 0.3206, 0.3158



11.8096, 0.4714, 0.2370



1.1151, 0.4484, 0.2244

Previews

White Background



This preview shows how the Yxy color 25.6583, 0.1821, 0.1754 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 25.6583, 0.1821, 0.1754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

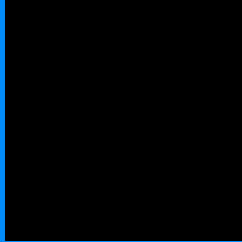
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

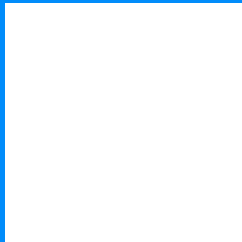
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.6583, 0.1821, 0.1754

Background



This preview shows how black text looks on a background with the Yxy color 25.6583, 0.1821, 0.1754.



This preview shows how white text looks on a background with the Yxy color 25.6583, 0.1821, 0.1754.

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

25.6647, 0.1821, 0.1754

Protanopia

25.5603, 0.2003, 0.1784

Deuteranopia

25.5957, 0.1823, 0.1762



Tritanopia

25.4628, 0.2189, 0.3081

Trichromacy



Original Color

25.6647, 0.1821, 0.1754

Protanomaly

25.0744, 0.1893, 0.1757

Deuteranomaly

25.5957, 0.1823, 0.1762

Tritanomaly

25.1199, 0.2025, 0.2488

Monochromacy



Original Color

25.6647, 0.1821, 0.1754

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

17.8673, 0.2273, 0.2526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6583, 0.1821, 0.1754 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(1, 140, 250)` looks like.

```
.text, #text, p{  
    color:rgb(1, 140, 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(1, 140, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 140, 250) }
```

Border

The CSS property to change the border of an element to Yxy 25.6583, 0.1821, 0.1754 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(1, 140, 250) }
```

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

```
.border{ border-color:rgb(1, 140, 250) }
```

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

Here you see how a box with a 4 pixel rgb(1, 140, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 140, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 140, 250);  
box-shadow:4px 4px 4px 4px rgb(1, 140,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6583, 0.1821, 0.1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 140, 250) }
```

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

```
.background{ background-color: rgb(1, 140,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor