

Converting Colors

$Yxy(24.8201, 0.1860, 0.1646)$

Have a look what the booklet for
Yxy(24.8201, 0.1860, 0.1646)
contains.

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Color

Yxy(24.8358, 0.1861, 0.1647)

Conversions

Conversions Part 1

Format	Color
Hex	3885FF
RGB	56, 133, 255
RGB Percent	22%, 52%, 100%
CMY	0.7805, 0.4784, 0.0001
CMYK	0.78, 0.48, 0.00, 0.00
HSL	217°, 100%, 61%
HSV	217°, 78%, 100%
XYZ	28.0628, 24.8358, 97.8956
YIQ	123.8850, -85.0540, 21.6180

Conversions

Conversions Part 2

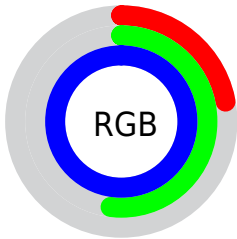
Format	Color
R _Y B	56, 112, 255
Decimal	3704319
CIE Lab	56.92, 18.65, -67.32
CIE LCh	57, 69.853, 285.487
Yxy	24.8358, 0.1861, 0.1647
Android (android.graphics.Color)	4281894399 (0xFF3885FF)
YUV	123.8850, 64.6397, -59.5351
Hunter-Lab	49.8355, 13.3026, -81.5828

Details

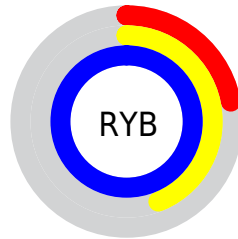
The Yxy color **24.8358, 0.1861, 0.1647** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **53.3553, 0.4734, 0.4366**, and the grayscale version is **19.9173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7432, 0.2322, 0.2425**, and **10.5282, 0.1708, 0.1350** is the 20% darker color. If you saturate the color by 10%, you get **20.3139, 0.1754, 0.1426**, and if you desaturate by 10%, it is **30.3692, 0.1995, 0.1883**.

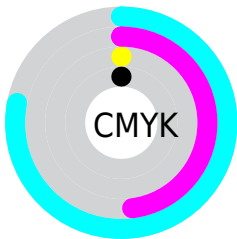
Distribution



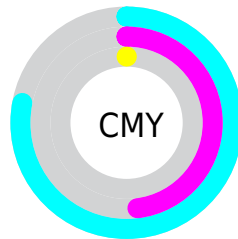
- Red (22%)
- Green (52%)
- Blue (100%)



- Red (22%)
- Yellow (44%)
- Blue (100%)



- Cyan (78%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (78%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8358, 0.1861, 0.1647 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 24.8358, 0.1861, 0.1647 by changing the saturation by 10% instead.

 24.8358, 0.1861,
0.1647


 24.8358, 0.1861,
0.1647


277.0192, 0.2506,
0.2438


 15.9548, 0.1708,
0.1472


 51.3907, 0.2092,
0.1920


 9.4921, 0.1520,
0.1263


 69.8334, 0.2180,
0.2027

 5.0636, 0.1287,
0.1015


 92.2321, 0.2255,
0.2120

 2.2846, 0.1001,
0.0727

 118.9711, 0.2320,
0.2200

 0.7655, 0.0662,
0.0412

150.4350, 0.2376,
0.2271

 0.0000, 0.0132,
0.0000

187.0080, 0.2425,

 0.0000, 0.0000,

0.2333

0.0000

229.0746, 0.2468,
0.2388

■ 24.8358, 0.1861,
0.1647

■ 24.8358, 0.1861,
0.1647

■ 20.3139, 0.1754,
0.1426

■ 30.3692, 0.1995,
0.1883

■ 16.7055, 0.1677,
0.1227

■ 36.9881, 0.2149,
0.2124

■ 16.0854, 0.1664,
0.1191

■ 44.7605, 0.2317,
0.2361

■ 53.7468, 0.2492,
0.2587

■ 64.0031, 0.2667,
0.2798

■ 75.5811, 0.2839,
0.2991

■ 88.5299, 0.3002,
0.3164

99.9980, 0.3127,
0.3290

Harmonies

Analogous

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



24.8358, 0.1389, 0.1736



24.8358, 0.1861, 0.1647



24.8358, 0.2737, 0.1852

Triad

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



24.8358, 0.1861, 0.1647



24.8358, 0.5421, 0.3694



24.8358, 0.2133, 0.4643

Complementary

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



24.8358, 0.1861, 0.1647



53.3553, 0.4734, 0.4366

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.



24.8358, 0.3122, 0.5512



24.8358, 0.1861, 0.1647



24.8358, 0.5024, 0.4493

Square

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



24.8358, 0.1861, 0.1647



24.8358, 0.5043, 0.2964



24.8358, 0.4163, 0.5263



24.8358, 0.1483, 0.3215

Rectangle

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



24.8358, 0.1861, 0.1647



24.8358, 0.3529, 0.2137



24.8358, 0.4163, 0.5263



24.8358, 0.2439, 0.5054

Sweetspot

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



24.8365, 0.1861, 0.1647



69.6941, 0.2755, 0.2898



75.4502, 0.2602, 0.4348



14.0403, 0.2692, 0.2827



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.



24.8365, 0.1861, 0.1647



18.0685, 0.1705, 0.1304



11.5760, 0.1730, 0.0893



18.5308, 0.2979, 0.3140



8.6749, 0.1673, 0.1221



1.0489, 0.1735, 0.1445

Inverse Universe

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



25.7743, 0.4815, 0.2648



22.6948, 0.5311, 0.2731



89.4595, 0.3986, 0.5040



18.1035, 0.3233, 0.3198



11.6037, 0.5436, 0.2768



1.1504, 0.5131, 0.2600

Previews

White Background



This preview shows how the Yxy color 24.8358, 0.1861, 0.1647 looks on a white background.

Color Contrast Check

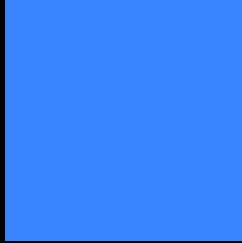
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8358, 0.1861, 0.1647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

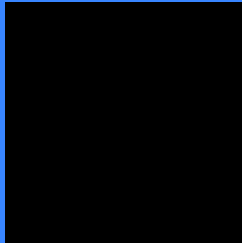
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

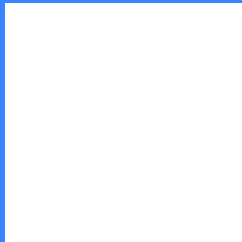
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.8358, 0.1861, 0.1647

Background



This preview shows how black text looks on a background with the Yxy color 24.8358, 0.1861, 0.1647.



This preview shows how white text looks on a background with the Yxy color 24.8358, 0.1861, 0.1647.

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

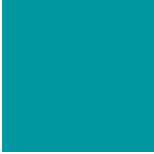
24.8358, 0.1861, 0.1647

Protanopia

24.6640, 0.1905, 0.1652

Deuteranopia

24.6480, 0.1829, 0.1784



Tritanopia

24.7064, 0.2194, 0.3097

Trichromacy



Original Color

24.8358, 0.1861, 0.1647

Protanomaly

24.8165, 0.1889, 0.1652

Deuteranomaly

24.4724, 0.1826, 0.1727

Tritanomaly

24.0354, 0.2024, 0.2419

Monochromacy



Original Color

24.8358, 0.1861, 0.1647

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.8100, 0.2432, 0.2508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8358, 0.1861, 0.1647 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(56, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 133, 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(56, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 133, 255) }
```

Border

The CSS property to change the border of an element to Yxy 24.8358, 0.1861, 0.1647 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(56, 133, 255) }
```

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

```
.border{ border-color:rgb(56, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 133,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8358, 0.1861, 0.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 133, 255) }
```

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

```
.background{ background-color: rgb(56, 133,  
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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