

Converting Colors

$Y_{xy}(17.1588, 0.1820, 0.1254)$

Have a look what the booklet for
Yxy(17.1588, 0.1820, 0.1254)
contains.

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Color

Yxy(17.1371, 0.1818, 0.1251)

Conversions

Conversions Part 1

Format	Color
Hex	4B61FD
RGB	75, 97, 253
RGB Percent	29%, 38%, 99%
CMY	0.7062, 0.6196, 0.0077
CMYK	0.70, 0.62, 0.00, 0.01
HSL	233°, 98%, 64%
HSV	233°, 70%, 99%
XYZ	24.9043, 17.1371, 94.9458
YIQ	108.2060, -63.1880, 43.8520

Conversions

Conversions Part 2

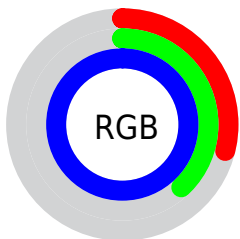
Format	Color
R _Y B	75, 95, 253
Decimal	4940285
CIE Lab	48.43, 42.22, -79.98
CIE LCh	48, 90.445, 297.830
Yxy	17.1371, 0.1818, 0.1251
Android (android.graphics.Color)	4283130365 (0xFF4B61FD)
YUV	108.2060, 71.3834, -29.1217
Hunter-Lab	41.3970, 34.9402, -107.0064

Details

The Yxy color **17.1371, 0.1818, 0.1251** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **78.5140, 0.4214, 0.4703**, and the grayscale version is **14.8624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3291, 0.2312, 0.1978**, and **6.3078, 0.1585, 0.0906** is the 20% darker color. If you saturate the color by 10%, you get **12.7732, 0.1675, 0.0993**, and if you desaturate by 10%, it is **23.0511, 0.1995, 0.1552**.

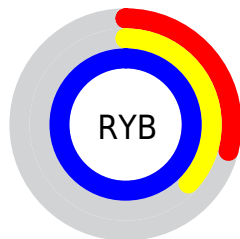
Distribution



Red (29%)

Green (38%)

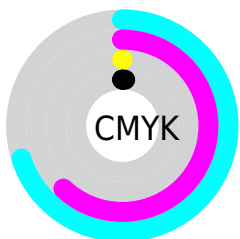
Blue (99%)



Red (29%)

Yellow (37%)

Blue (99%)

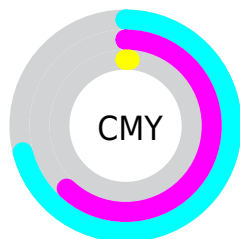


Cyan (70%)

Magenta (62%)

Yellow (0%)

Black (1%)



Cyan (71%)


Magenta (62%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1371, 0.1818, 0.1251 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 17.1371, 0.1818, 0.1251 by changing the saturation by 10% instead.


 17.1371, 0.1818,
0.1251


 17.1371, 0.1818,
0.1251


235.9612, 0.2519,
0.2204


 10.3323, 0.1647,
0.1055


 38.5613, 0.2074,
0.1569


 5.6198, 0.1437,
0.0831


 53.9496, 0.2170,
0.1698

 2.6153, 0.1178,
0.0585

 72.9677, 0.2252,
0.1810

 0.9344, 0.0867,
0.0332

 96.0002, 0.2321,
0.1909

 0.0000, 0.0523,
0.0000

123.4314, 0.2381,
0.1996

 0.0000, 0.0000,
0.0000

155.6457, 0.2433,

0.2073

193.0275, 0.2479,
0.2142

■ 17.1371, 0.1818,
0.1251

■ 17.1371, 0.1818,
0.1251

■ 12.7732, 0.1675,
0.0993

■ 23.0511, 0.1995,
0.1552

■ 9.8087, 0.1575,
0.0797

■ 30.6436, 0.2193,
0.1875

■ 8.0933, 0.1521,
0.0675

■ 40.0308, 0.2398,
0.2199

■ 51.3183, 0.2599,
0.2509

■ 64.6032, 0.2789,
0.2796

■ 79.9760, 0.2964,
0.3054

■ 97.5217, 0.3121,
0.3282

■ 99.8736, 0.3139,
0.3309

Harmonies

Analogous

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



17.1371, 0.1089, 0.1189



17.1371, 0.1818, 0.1251



17.1371, 0.3193, 0.1618

Triad

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



17.1371, 0.1818, 0.1251



17.1371, 0.5989, 0.3900



17.1371, 0.1278, 0.4380

Complementary

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



17.1371, 0.1818, 0.1251



78.5140, 0.4214, 0.4703

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.



17.1371, 0.2317, 0.6414



17.1371, 0.1818, 0.1251



17.1371, 0.4965, 0.5035

Square

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



17.1371, 0.1818, 0.1251



17.1371, 0.6172, 0.3039



17.1371, 0.3636, 0.6274



17.1371, 0.0816, 0.2378

Rectangle

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



17.1371, 0.1818, 0.1251



17.1371, 0.4418, 0.2029



17.1371, 0.3636, 0.6274



17.1371, 0.1568, 0.5208

Sweetspot

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



17.1375, 0.1818, 0.1251



64.8558, 0.2778, 0.2779



77.4332, 0.2415, 0.3582



13.0454, 0.2727, 0.2702



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.



17.1375, 0.1818, 0.1251



11.7447, 0.1633, 0.0914



17.7108, 0.2167, 0.1234



17.7405, 0.2979, 0.3075



4.4142, 0.1525, 0.0690



0.5389, 0.1567, 0.0841

Inverse Universe

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



26.7729, 0.5251, 0.3111



23.2417, 0.5827, 0.3146



81.4308, 0.3615, 0.5159



18.0237, 0.3275, 0.3261



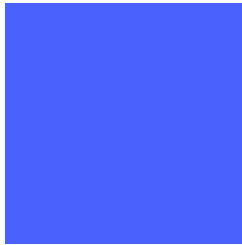
11.1736, 0.6249, 0.3216



1.0989, 0.6004, 0.3081

Previews

White Background



This preview shows how the Yxy color 17.1371, 0.1818, 0.1251 looks on a white background.

Color Contrast Check

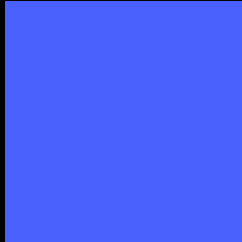
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.1371, 0.1818, 0.1251 looks on a black 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

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

Yxy 17.1371, 0.1818, 0.1251

Background



This preview shows how black text looks on a background with the Yxy color 17.1371, 0.1818, 0.1251.



This preview shows how white text looks on a background with the Yxy color 17.1371, 0.1818, 0.1251.

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

17.1371, 0.1818, 0.1251

Protanopia

17.0351, 0.1739, 0.1461

Deuteranopia

16.8927, 0.1851, 0.1863



Tritanopia

16.9563, 0.2191, 0.3087

Trichromacy



Original Color

17.1371, 0.1818, 0.1251

Protanomaly

16.6274, 0.1735, 0.1359

Deuteranomaly

16.4993, 0.1800, 0.1579

Tritanomaly

15.9785, 0.1958, 0.2109

Monochromacy



Original Color

17.1371, 0.1818, 0.1251

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.9606, 0.2422, 0.2236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1371, 0.1818, 0.1251 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(75, 97, 253)` looks like.

```
.text, #text, p{  
  color:rgb(75, 97, 253)  
}
```

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(75, 97, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 97, 253) }
```

Border

The CSS property to change the border of an element to Yxy 17.1371, 0.1818, 0.1251 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(75, 97, 253) }
```

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

```
.border{ border-color:rgb(75, 97, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 97, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 97, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 97, 253);  
box-shadow:4px 4px 4px 4px rgb(75, 97,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1371, 0.1818, 0.1251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 97, 253) }
```

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

```
.background{ background-color: rgb(75, 97,  
253) }
```

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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