

Converting Colors

$Y_{xy}(15.1851, 0.1951, 0.1193)$

Have a look what the booklet for
Yxy(15.1851, 0.1951, 0.1193)
contains.

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Color

$Y_{xy}(15.1525, 0.1950, 0.1192)$

Conversions

Conversions Part 1

Format	Color
Hex	6750F4
RGB	103, 80, 244
RGB Percent	40%, 31%, 96%
CMY	0.5960, 0.6862, 0.0433
CMYK	0.58, 0.67, 0.00, 0.04
HSL	248°, 88%, 64%
HSV	248°, 67%, 96%
XYZ	24.7881, 15.1525, 87.1777
YIQ	105.5730, -38.9360, 55.8800

Conversions

Conversions Part 2

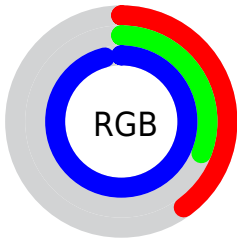
Format	Color
R _Y B	103, 80, 244
Decimal	6770932
CIE Lab	45.84, 52.89, -79.09
CIE LCh	46, 95.144, 303.772
Yxy	15.1525, 0.1950, 0.1192
Android (android.graphics.Color)	4284961012 (0xFF6750F4)
YUV	105.5730, 68.2445, -2.2565
Hunter-Lab	38.9262, 45.5473, -105.5354

Details

The Yxy color **15.1525, 0.1950, 0.1192** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **80.6243, 0.3877, 0.4916**, and the grayscale version is **14.1113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5596, 0.2436, 0.1835**, and **4.6974, 0.1571, 0.0768** is the 20% darker color. If you saturate the color by 10%, you get **11.1164, 0.1783, 0.0935**, and if you desaturate by 10%, it is **20.7965, 0.2140, 0.1502**.

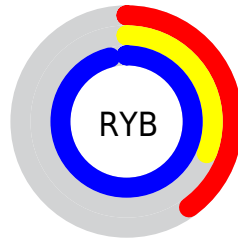
Distribution



Red (40%)

Green (31%)

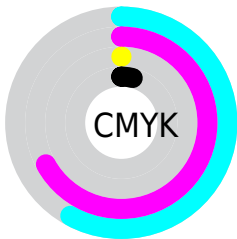
Blue (96%)



Red (40%)

Yellow (31%)

Blue (96%)

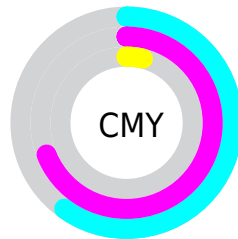


Cyan (58%)

Magenta (67%)

Yellow (0%)

Black (4%)



Cyan (60%)


Magenta (69%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1525, 0.1950, 0.1192 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 15.1525, 0.1950, 0.1192 by changing the saturation by 10% instead.


 15.1525, 0.1950,
0.1192


 15.1525, 0.1950,
0.1192


224.2874, 0.2607,
0.2172


 8.9265, 0.1782,
0.0991


 35.1205, 0.2196,
0.1519


 4.6933, 0.1571,
0.0764


 49.6312, 0.2287,
0.1651


 2.0684, 0.1306,
0.0517

 67.6724, 0.2363,
0.1767

 0.6468, 0.0978,
0.0262

 89.6283, 0.2427,
0.1868

 0.0000, 0.0599,
0.0000

 115.8833, 0.2482,
0.1958

 0.0000, 0.0000,
0.0000

146.8219, 0.2529,

0.2038

182.8285, 0.2570,
0.2108

■ 15.1525, 0.1950,
0.1192

■ 15.1525, 0.1950,
0.1192

■ 11.1164, 0.1783,
0.0935

■ 20.7965, 0.2140,
0.1502

■ 8.5153, 0.1652,
0.0750

■ 28.1944, 0.2339,
0.1841

■ 7.1307, 0.1564,
0.0646

■ 37.4771, 0.2535,
0.2186

■ 6.8737, 0.1547,
0.0626

■ 48.7627, 0.2719,
0.2519

■ 62.1592, 0.2885,
0.2828

■ 77.7674, 0.3033,
0.3108

■ 95.6811, 0.3161,
0.3356

■ 99.3095, 0.3191,
0.3396

Harmonies

Analogous

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



15.1525, 0.1087, 0.1067



15.1525, 0.1950, 0.1192



15.1525, 0.3563, 0.1629

Triad

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



15.1525, 0.1950, 0.1192



15.1525, 0.5960, 0.4040



15.1525, 0.0996, 0.3928

Complementary

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



15.1525, 0.1950, 0.1192



80.6243, 0.3877, 0.4916

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.



15.1525, 0.1938, 0.6491



15.1525, 0.1950, 0.1192



15.1525, 0.4695, 0.5305

Square

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



15.1525, 0.1950, 0.1192



15.1525, 0.6452, 0.3114



15.1525, 0.3287, 0.6713



15.1525, 0.0664, 0.2009

Rectangle

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



15.1525, 0.1950, 0.1192



15.1525, 0.4924, 0.2083



15.1525, 0.3287, 0.6713



15.1525, 0.1241, 0.4860

Sweetspot

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



15.1529, 0.1950, 0.1192



64.2780, 0.2840, 0.2743



60.5331, 0.2276, 0.3009



12.8543, 0.2793, 0.2656



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.



15.1529, 0.1950, 0.1192



10.9670, 0.1726, 0.0852



22.4396, 0.2609, 0.1504



16.0382, 0.3001, 0.3047



3.7728, 0.1555, 0.0630



0.3653, 0.1647, 0.0681

Inverse Universe

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



30.1834, 0.3438, 0.1950



28.9025, 0.3513, 0.1812



70.8459, 0.3321, 0.5272



16.7259, 0.3159, 0.3089



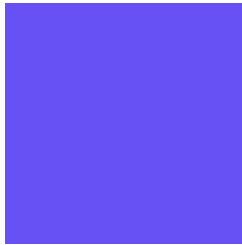
12.9968, 0.3599, 0.1756



1.1531, 0.3543, 0.1725

Previews

White Background



This preview shows how the Yxy color 15.1525, 0.1950, 0.1192 looks on a white background.

Color Contrast Check

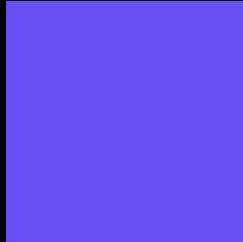
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1525, 0.1950, 0.1192 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 15.1525, 0.1950, 0.1192

Background



This preview shows how black text looks on a background with the Yxy color 15.1525, 0.1950, 0.1192.



This preview shows how white text looks on a background with the Yxy color 15.1525, 0.1950, 0.1192.

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

15.1525, 0.1950, 0.1192

Protanopia

15.0679, 0.1741, 0.1468

Deuteranopia

15.0430, 0.1855, 0.1876



Tritanopia

15.0412, 0.2400, 0.3084

Trichromacy



Original Color

15.1525, 0.1950, 0.1192



Protanomaly

14.2349, 0.1741, 0.1305



Deuteranomaly

14.1111, 0.1808, 0.1516



Tritanomaly

14.1429, 0.2161, 0.2067

Monochromacy



Original Color

15.1525, 0.1950, 0.1192



Achromatopsia

14.4128, 0.3127, 0.3290



Achromatomaly

13.9529, 0.2542, 0.2202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1525, 0.1950, 0.1192 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(103, 80, 244)` looks like.

```
.text, #text, p{  
  color:rgb(103, 80, 244)  
}
```

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(103, 80, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 80, 244) }
```

Border

The CSS property to change the border of an element to Yxy 15.1525, 0.1950, 0.1192 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(103, 80, 244) }
```

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

```
.border{ border-color:rgb(103, 80, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 80, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 80, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 80, 244);  
box-shadow:4px 4px 4px 4px rgb(103, 80,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1525, 0.1950, 0.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 80, 244) }
```

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

```
.background{ background-color: rgb(103, 80,  
244) }
```

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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