

Converting Colors

$Yxy(15.6101, 0.1786, 0.1163)$

Have a look what the booklet for
Yxy(15.6101, 0.1786, 0.1163)
contains.

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Color

Yxy(15.6143, 0.1786, 0.1163)

Conversions

Conversions Part 1

Format	Color
Hex	4859FD
RGB	72, 89, 253
RGB Percent	28%, 35%, 99%
CMY	0.7172, 0.6511, 0.0079
CMYK	0.71, 0.65, 0.00, 0.01
HSL	234°, 98%, 64%
HSV	234°, 71%, 99%
XYZ	23.9786, 15.6143, 94.6659
YIQ	102.6130, -62.7760, 47.4000

Conversions

Conversions Part 2

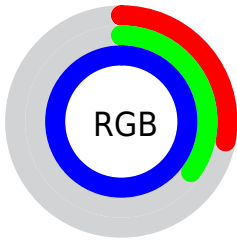
Format	Color
R _Y B	72, 88, 253
Decimal	4741629
CIE Lab	46.46, 46.69, -83.19
CIE LCh	46, 95.397, 299.305
Yxy	15.6143, 0.1786, 0.1163
Android (android.graphics.Color)	4282931709 (0xFF4859FD)
YUV	102.6130, 74.1408, -26.8476
Hunter-Lab	39.5149, 39.1670, -114.3805

Details

The Yxy color **15.6143, 0.1786, 0.1163** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **81.4141, 0.4188, 0.4755**, and the grayscale version is **13.2766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5249, 0.2287, 0.1868**, and **5.6679, 0.1563, 0.0827** is the 20% darker color. If you saturate the color by 10%, you get **11.5920, 0.1648, 0.0916**, and if you desaturate by 10%, it is **21.2261, 0.1962, 0.1462**.

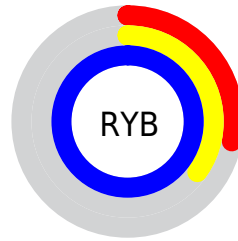
Distribution



Red (28%)

Green (35%)

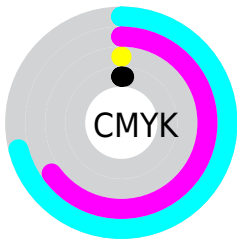
Blue (99%)



Red (28%)

Yellow (35%)

Blue (99%)

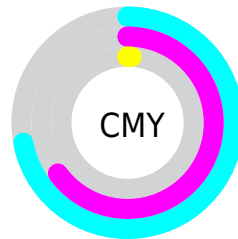


Cyan (71%)

Magenta (65%)

Yellow (0%)

Black (1%)



Cyan (72%)


Magenta (65%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6143, 0.1786, 0.1163 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 15.6143, 0.1786, 0.1163 by changing the saturation by 10% instead.


 15.6143, 0.1786,
0.1163


 15.6143, 0.1786,
0.1163


227.0549, 0.2510,
0.2150


 9.2516, 0.1609,
0.0964


 35.9273, 0.2050,
0.1490


 4.9057, 0.1393,
0.0741


 50.6464, 0.2150,
0.1623

 2.1920, 0.1128,
0.0500

 68.9198, 0.2235,
0.1739

 0.7156, 0.0814,
0.0259

 91.1319, 0.2307,
0.1842

 0.0000, 0.0469,
0.0000

 117.6671, 0.2368,
0.1932

 0.0000, 0.0000,
0.0000

148.9097, 0.2422,

0.2013

185.2442, 0.2469,
0.2085

■ 15.6143, 0.1786,
0.1163

■ 15.6143, 0.1786,
0.1163

■ 11.5920, 0.1648,
0.0916

■ 21.2261, 0.1962,
0.1462

■ 8.9910, 0.1556,
0.0740

■ 28.5702, 0.2161,
0.1789

■ 7.7270, 0.1514,
0.0648

■ 37.7744, 0.2369,
0.2123

■ 48.9540, 0.2574,
0.2446

■ 62.2153, 0.2768,
0.2746

■ 77.6565, 0.2945,
0.3017

■ 95.3699, 0.3105,
0.3257

■ 99.8709, 0.3139,
0.3309

Harmonies

Analogous

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



15.6143, 0.1015, 0.1082



15.6143, 0.1786, 0.1163



15.6143, 0.3275, 0.1552

Triad

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



15.6143, 0.1786, 0.1163



15.6143, 0.6102, 0.3898



15.6143, 0.1108, 0.4329

Complementary

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



15.6143, 0.1786, 0.1163



81.4141, 0.4188, 0.4755

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.



15.6143, 0.2132, 0.6673



15.6143, 0.1786, 0.1163



15.6143, 0.4905, 0.5095

Square

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



15.6143, 0.1786, 0.1163



15.6143, 0.6402, 0.3003



15.6143, 0.3493, 0.6507



15.6143, 0.0694, 0.2212

Rectangle

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



15.6143, 0.1786, 0.1163



15.6143, 0.4614, 0.1981



15.6143, 0.3493, 0.6507



15.6143, 0.1387, 0.5267

Sweetspot

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



15.6146, 0.1786, 0.1163



64.0553, 0.2777, 0.2760



77.6161, 0.2387, 0.3510



12.8592, 0.2725, 0.2680



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.



15.6146, 0.1786, 0.1163



10.4316, 0.1600, 0.0827



17.7129, 0.2197, 0.1230



17.6499, 0.2979, 0.3067



4.1996, 0.1517, 0.0661



0.4963, 0.1551, 0.0783

Inverse Universe

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



26.2513, 0.5374, 0.3161



22.7906, 0.5973, 0.3197



80.4911, 0.3576, 0.5209



18.0146, 0.3280, 0.3268



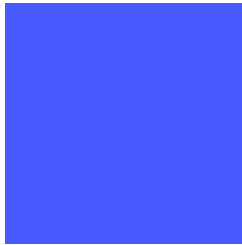
11.1519, 0.6298, 0.3243



1.0946, 0.6096, 0.3132

Previews

White Background



This preview shows how the Yxy color 15.6143, 0.1786, 0.1163 looks on a white background.

Color Contrast Check

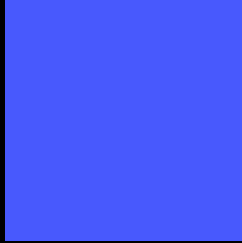
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6143, 0.1786, 0.1163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

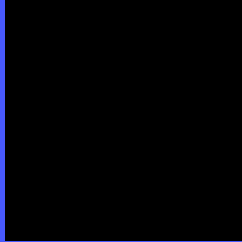
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6143, 0.1786, 0.1163

Background



This preview shows how black text looks on a background with the Yxy color 15.6143, 0.1786, 0.1163.



This preview shows how white text looks on a background with the Yxy color 15.6143, 0.1786, 0.1163.

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

15.6143, 0.1786, 0.1163

Protanopia

15.3771, 0.1741, 0.1468

Deuteranopia

15.3499, 0.1853, 0.1872



Tritanopia

15.2597, 0.2195, 0.3101

Trichromacy



Original Color

15.6143, 0.1786, 0.1163

Protanomaly

15.0265, 0.1725, 0.1323

Deuteranomaly

14.9753, 0.1786, 0.1527

Tritanomaly

14.2129, 0.1938, 0.2036

Monochromacy



Original Color

15.6143, 0.1786, 0.1163

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.4793, 0.2389, 0.2153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6143, 0.1786, 0.1163 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(72, 89, 253)` looks like.

```
.text, #text, p{  
  color:rgb(72, 89, 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(72, 89, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 89, 253) }
```

Border

The CSS property to change the border of an element to Yxy 15.6143, 0.1786, 0.1163 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(72, 89, 253) }
```

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

```
.border{ border-color:rgb(72, 89, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 89, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 89, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 89, 253);  
box-shadow:4px 4px 4px 4px rgb(72, 89,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6143, 0.1786, 0.1163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 89, 253) }
```

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

```
.background{ background-color: rgb(72, 89,  
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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