

Converting Colors

$Yxy(15.2084, 0.1760, 0.1172)$

Have a look what the booklet for
Yxy(15.2084, 0.1760, 0.1172)
contains.

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Color

Yxy(15.2086, 0.1763, 0.1176)

Conversions

Conversions Part 1

Format	Color
Hex	3F5AF9
RGB	63, 90, 249
RGB Percent	25%, 35%, 98%
CMY	0.7528, 0.6470, 0.0237
CMYK	0.75, 0.64, 0.00, 0.02
HSL	231°, 94%, 61%
HSV	231°, 75%, 98%
XYZ	22.8000, 15.2086, 91.3163
YIQ	100.0530, -67.1310, 43.7250

Conversions

Conversions Part 2

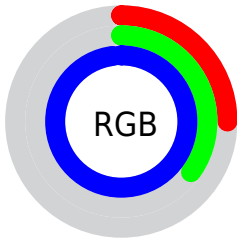
Format	Color
R _{YB}	63, 87, 249
Decimal	4152057
CIE Lab	45.92, 43.78, -81.85
CIE LCh	46, 92.825, 298.142
Yxy	15.2086, 0.1763, 0.1176
Android (android.graphics.Color)	4282342137 (0xFF3F5AF9)
YUV	100.0530, 73.4309, -32.4955
Hunter-Lab	38.9982, 36.1116, -111.5318

Details

The Yxy color **15.2086, 0.1763, 0.1176** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **72.7209, 0.4289, 0.4721**, and the grayscale version is **12.5843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2104, 0.2244, 0.1864**, and **5.6384, 0.1571, 0.0857** is the 20% darker color. If you saturate the color by 10%, you get **11.4743, 0.1637, 0.0939**, and if you desaturate by 10%, it is **20.3414, 0.1926, 0.1461**.

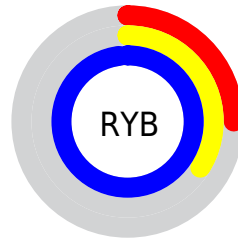
Distribution



Red (25%)

Green (35%)

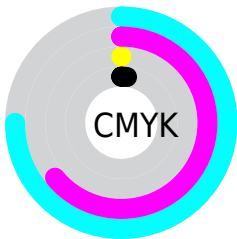
Blue (98%)



Red (25%)

Yellow (34%)

Blue (98%)

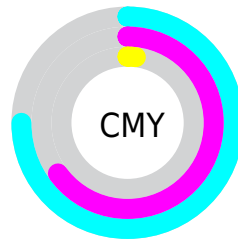


Cyan (75%)

Magenta (64%)

Yellow (0%)

Black (2%)



Cyan (75%)


Magenta (65%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2086, 0.1763, 0.1176 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 15.2086, 0.1763, 0.1176 by changing the saturation by 10% instead.


 15.2086, 0.1763,
0.1176

 15.2086, 0.1763,
0.1176


224.6254, 0.2500,
0.2166


 8.9659, 0.1583,
0.0974


 35.2187, 0.2032,
0.1506


 4.7190, 0.1362,
0.0747


 49.7549, 0.2134,
0.1640


 2.0833, 0.1092,
0.0502

 67.8244, 0.2220,
0.1757

 0.6552, 0.0774,
0.0252

 89.8117, 0.2293,
0.1859

 0.0000, 0.0419,
0.0000

 116.1010, 0.2356,
0.1950

 0.0000, 0.0000,
0.0000

147.0768, 0.2411,

0.2030

183.1234, 0.2458,
0.2102

■ 15.2086, 0.1763,
0.1176

■ 15.2086, 0.1763,
0.1176

■ 11.4743, 0.1637,
0.0939

■ 20.3414, 0.1926,
0.1461

■ 8.9928, 0.1555,
0.0764

■ 26.9957, 0.2115,
0.1773

■ 8.1055, 0.1528,
0.0698

■ 35.2818, 0.2316,
0.2092

■ 45.2993, 0.2517,
0.2402

■ 57.1395, 0.2711,
0.2692

■ 70.8876, 0.2892,
0.2955

■ 86.6232, 0.3056,
0.3190

■ 99.6165, 0.3162,
0.3348

Harmonies

Analogous

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



15.2086, 0.1018, 0.1108



15.2086, 0.1763, 0.1176



15.2086, 0.3205, 0.1551

Triad

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



15.2086, 0.1763, 0.1176



15.2086, 0.6114, 0.3880



15.2086, 0.1166, 0.4419

Complementary

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



15.2086, 0.1763, 0.1176



72.7209, 0.4289, 0.4721

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.



15.2086, 0.2209, 0.6645



15.2086, 0.1763, 0.1176



15.2086, 0.4957, 0.5043

Square

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



15.2086, 0.1763, 0.1176



15.2086, 0.6341, 0.2990



15.2086, 0.3570, 0.6430



15.2086, 0.0725, 0.2288

Rectangle

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



15.2086, 0.1763, 0.1176



15.2086, 0.4513, 0.1972



15.2086, 0.3570, 0.6430



15.2086, 0.1454, 0.5330

Sweetspot

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



15.2089, 0.1763, 0.1176



63.9932, 0.2760, 0.2764



74.0033, 0.2411, 0.3643



12.8976, 0.2710, 0.2690



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.



15.2089, 0.1763, 0.1176



10.5402, 0.1587, 0.0836



14.9934, 0.2077, 0.1121



17.0492, 0.2979, 0.3081



4.4624, 0.1532, 0.0716



0.5318, 0.1581, 0.0891

Inverse Universe

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



24.4285, 0.5385, 0.3083



22.2905, 0.5982, 0.3146



78.2564, 0.3641, 0.5228



17.2662, 0.3271, 0.3256



10.8614, 0.6207, 0.3193



1.0179, 0.5926, 0.3038

Previews

White Background



This preview shows how the Yxy color 15.2086, 0.1763, 0.1176 looks on a white background.

Color Contrast Check

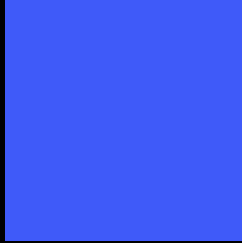
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2086, 0.1763, 0.1176 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 15.2086, 0.1763, 0.1176

Background



This preview shows how black text looks on a background with the Yxy color 15.2086, 0.1763, 0.1176.



This preview shows how white text looks on a background with the Yxy color 15.2086, 0.1763, 0.1176.

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

15.2086, 0.1763, 0.1176

Protanopia

15.0679, 0.1741, 0.1468

Deuteranopia

14.9997, 0.1858, 0.1888



Tritanopia

14.9915, 0.2195, 0.3100

Trichromacy



Original Color

15.2086, 0.1763, 0.1176

Protanomaly

14.8754, 0.1724, 0.1333

Deuteranomaly

14.5358, 0.1786, 0.1542

Tritanomaly

14.0980, 0.1939, 0.2061

Monochromacy



Original Color

15.2086, 0.1763, 0.1176

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.7251, 0.2365, 0.2158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2086, 0.1763, 0.1176 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(63, 90, 249)` looks like.

```
.text, #text, p{  
    color:rgb(63, 90, 249)  
}
```

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(63, 90, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 90, 249) }
```

Border

The CSS property to change the border of an element to Yxy 15.2086, 0.1763, 0.1176 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(63, 90, 249) }
```

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

```
.border{ border-color:rgb(63, 90, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 90, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 90, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 90, 249);  
box-shadow:4px 4px 4px 4px rgb(63, 90,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2086, 0.1763, 0.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 90, 249) }
```

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

```
.background{ background-color: rgb(63, 90,  
249) }
```

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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