

Converting Colors

$Y_{xy}(11.5826, 0.1653, 0.1065)$

Have a look what the booklet for
Yxy(11.5826, 0.1653, 0.1065)
contains.

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Color

Yxy(11.5960, 0.1654, 0.1067)

Conversions

Conversions Part 1

Format	Color
Hex	194EEA
RGB	25, 78, 234
RGB Percent	10%, 31%, 92%
CMY	0.9012, 0.6941, 0.0825
CMYK	0.89, 0.67, 0.00, 0.08
HSL	225°, 83%, 51%
HSV	225°, 89%, 92%
XYZ	17.9754, 11.5960, 79.1071
YIQ	79.9370, -81.6640, 37.2800

Conversions

Conversions Part 2

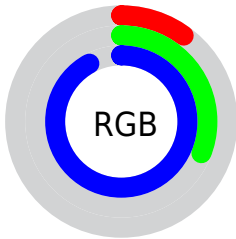
Format	Color
RYB	25, 67, 234
Decimal	1658602
CIELab	40.57, 43.18, -82.27
CIELCh	41, 92.911, 297.693
Yxy	11.5960, 0.1654, 0.1067
Android (android.graphics.Color)	4279848682 (0xFF194EEA)
YUV	79.9370, 75.9531, -48.1797
Hunter-Lab	34.0529, 34.6318, -113.8975

Details

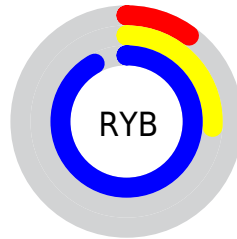
The Yxy color **11.5960, 0.1654, 0.1067** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **50.6661, 0.4632, 0.4633**, and the grayscale version is **7.8814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0436, 0.2088, 0.1662**, and **4.3764, 0.1555, 0.0797** is the 20% darker color. If you saturate the color by 10%, you get **9.2367, 0.1580, 0.0884**, and if you desaturate by 10%, it is **14.8517, 0.1764, 0.1295**.

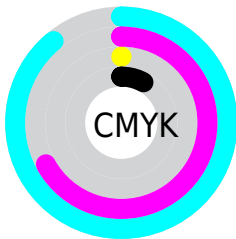
Distribution



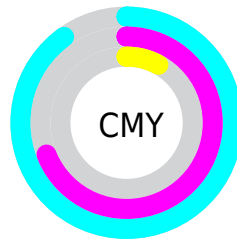
- Red (10%)
- Green (31%)
- Blue (92%)



- Red (10%)
- Yellow (26%)
- Blue (92%)



- Cyan (89%)
- Magenta (67%)
- Yellow (0%)
- Black (8%)



- Cyan (90%)
- Magenta (69%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5960, 0.1654, 0.1067 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 11.5960, 0.1654, 0.1067 by changing the saturation by 10% instead.


 11.5960, 0.1654,
0.1067


 11.5960, 0.1654,
0.1067

201.7120, 0.2469,
0.2130


 6.4692, 0.1452,
0.0852


 28.7571, 0.1955,
0.1422


 3.1324, 0.1206,
0.0614


 41.5603, 0.2068,
0.1566

 1.2013, 0.0910,
0.0367

 57.6910, 0.2163,
0.1692

 0.0627, 0.0580,
0.0032

 77.5337, 0.2243,
0.1802

 0.0000, 0.0055,
0.0000

 101.4727, 0.2312,
0.1899

 0.0000, 0.0000,
0.0000

129.8926, 0.2371,

0.1985

163.1775, 0.2423,
0.2062

■ 11.5960, 0.1654,
0.1067

■ 11.5960, 0.1654,
0.1067

■ 9.2367, 0.1580,
0.0884

■ 14.8517, 0.1764,
0.1295

■ 9.0859, 0.1576,
0.0872

■ 19.1155, 0.1907,
0.1557

■ 24.4720, 0.2075,
0.1837

■ 30.9958, 0.2259,
0.2122

■ 38.7545, 0.2449,
0.2399

■ 47.8100, 0.2636,
0.2660

■ 58.2201, 0.2816,
0.2899

■ 70.0389, 0.2984,
0.3113

■ 83.3173, 0.3138,
0.3304

Harmonies

Analogous

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



11.5960, 0.0907, 0.1000



11.5960, 0.1654, 0.1067



11.5960, 0.3165, 0.1441

Triad

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



11.5960, 0.1654, 0.1067



11.5960, 0.6237, 0.3763



11.5960, 0.1029, 0.4558

Complementary

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



11.5960, 0.1654, 0.1067



50.6661, 0.4632, 0.4633

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.



11.5960, 0.2078, 0.7018



11.5960, 0.1654, 0.1067



11.5960, 0.4987, 0.5013

Square

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



11.5960, 0.1654, 0.1067



11.5960, 0.6567, 0.2888



11.5960, 0.3463, 0.6537



11.5960, 0.0608, 0.2200

Rectangle

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



11.5960, 0.1654, 0.1067



11.5960, 0.4589, 0.1868



11.5960, 0.3463, 0.6537



11.5960, 0.1316, 0.5599

Sweetspot

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



11.5962, 0.1654, 0.1067



60.6583, 0.2675, 0.2712



62.2616, 0.2485, 0.4084



12.1105, 0.2612, 0.2627



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.



11.5962, 0.1654, 0.1067



10.9444, 0.1574, 0.0865



8.0934, 0.1723, 0.0774



15.1681, 0.2980, 0.3109



5.2767, 0.1582, 0.0896



0.5642, 0.1655, 0.1158

Inverse Universe

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



18.7398, 0.5629, 0.2959



21.6360, 0.5966, 0.3060



69.2429, 0.3803, 0.5303



15.1166, 0.3253, 0.3231



10.0255, 0.5917, 0.3033



0.8024, 0.5526, 0.2818

Previews

White Background



This preview shows how the Yxy color 11.5960, 0.1654, 0.1067 looks on a white background.

Color Contrast Check

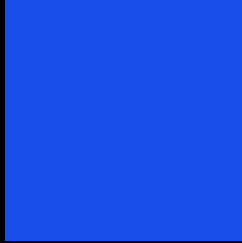
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5960, 0.1654, 0.1067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

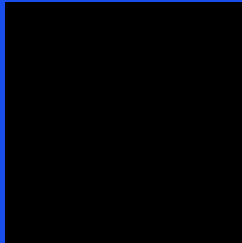
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5960, 0.1654, 0.1067

Background



This preview shows how black text looks on a background with the Yxy color 11.5960, 0.1654, 0.1067.

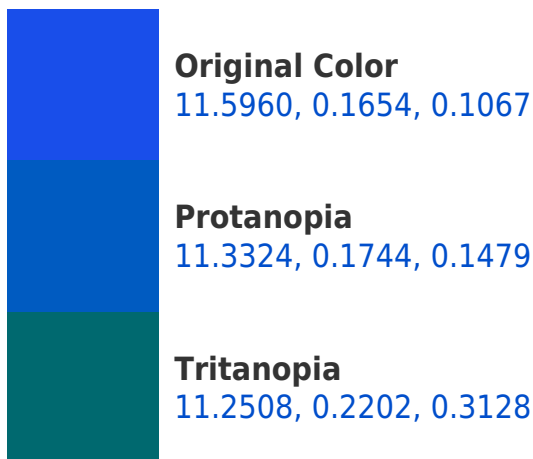


This preview shows how white text looks on a background with the Yxy color 11.5960, 0.1654, 0.1067.

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



Trichromacy



Original Color

11.5960, 0.1654, 0.1067

Protanomaly

11.2677, 0.1701, 0.1293

Tritanomaly

10.6428, 0.1896, 0.1978

Monochromacy



Original Color

11.5960, 0.1654, 0.1067

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.3302, 0.2175, 0.1990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5960, 0.1654, 0.1067 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(25, 78, 234)` looks like.

```
.text, #text, p{  
  color:rgb(25, 78, 234)  
}
```

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(25, 78, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 78, 234) }
```

Border

The CSS property to change the border of an element to Yxy 11.5960, 0.1654, 0.1067 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(25, 78, 234) }
```

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

```
.border{ border-color:rgb(25, 78, 234) }
```

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

Here you see how a box with a 4 pixel rgb(25, 78, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 78, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 78, 234);  
box-shadow:4px 4px 4px 4px rgb(25, 78,  
234) }
```

Background

The CSS property to change the background color of an element to Yxy 11.5960, 0.1654, 0.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 78, 234) }
```

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

```
.background{ background-color: rgb(25, 78,  
234) }
```

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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