

Converting Colors

$Yxy(15.5978, 0.1723, 0.1375)$

Have a look what the booklet for
Yxy(15.5978, 0.1723, 0.1375)
contains.

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Color

Yxy(15.5978, 0.1723, 0.1375)

Conversions

Conversions Part 1

Format	Color
Hex	0B67E8
RGB	11, 103, 232
RGB Percent	4%, 40%, 91%
CMY	0.9582, 0.5960, 0.0903
CMYK	0.95, 0.56, 0.00, 0.09
HSL	215°, 91%, 48%
HSV	215°, 95%, 91%
XYZ	19.5455, 15.5978, 78.2953
YIQ	90.1980, -96.2410, 20.6150

Conversions

Conversions Part 2

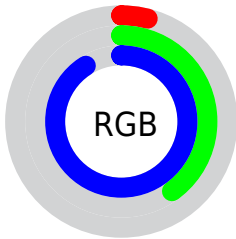
Format	Color
R_{YB}	11, 76, 232
Decimal	747496
CIE _{Lab}	46.44, 25.98, -71.52
CIE _{LCh}	46, 76.092, 289.962
Yxy	15.5978, 0.1723, 0.1375
Android (android.graphics.Color)	4278937576 (0xFF0B67E8)
YUV	90.1980, 69.9084, -69.4566
Hunter-Lab	39.4941, 19.2244, -89.8941

Details

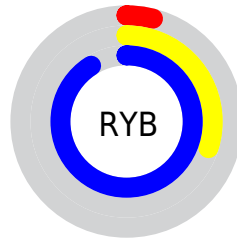
The Yxy color **15.5978, 0.1723, 0.1375** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **35.8134, 0.5111, 0.4293**, and the grayscale version is **10.1066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2537, 0.2126, 0.1978**, and **6.1213, 0.1634, 0.1081** is the 20% darker color. If you saturate the color by 10%, you get **14.3381, 0.1691, 0.1289**, and if you desaturate by 10%, it is **18.7772, 0.1807, 0.1577**.

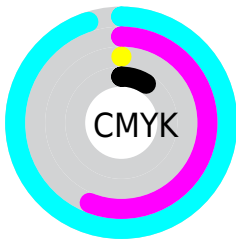
Distribution



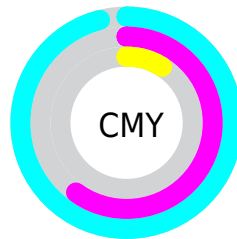
- Red (4%)
- Green (40%)
- Blue (91%)



- Red (4%)
- Yellow (30%)
- Blue (91%)



- Cyan (95%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)




- Cyan (96%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5978, 0.1723, 0.1375 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 15.5978, 0.1723, 0.1375 by changing the saturation by 10% instead.


 15.5978, 0.1723,
0.1375


 15.5978, 0.1723,
0.1375


226.9566, 0.2478,
0.2321


 9.2400, 0.1537,
0.1167


 35.8985, 0.2000,
0.1703


 4.8981, 0.1307,
0.0923


 50.6103, 0.2104,
0.1832

 2.1876, 0.1025,
0.0647


 68.8754, 0.2192,
0.1943

 0.7132, 0.0691,
0.0351

 91.0784, 0.2266,
0.2039

 0.0000, 0.0232,
0.0000

 117.6036, 0.2331,
0.2123

 0.0000, 0.0000,
0.0000

148.8355, 0.2386,

0.2197

185.1583, 0.2435,
0.2262

■ 15.5978, 0.1723,
0.1375

■ 15.5978, 0.1723,
0.1375

■ 14.3381, 0.1691,
0.1289

■ 18.7772, 0.1807,
0.1577

■ 22.6754, 0.1919,
0.1795

■ 27.3570, 0.2055,
0.2022

■ 32.8770, 0.2209,
0.2250

■ 39.2840, 0.2375,
0.2472

■ 46.6221, 0.2546,
0.2681

■ 54.9323, 0.2718,
0.2876

■ 64.2525, 0.2885,
0.3053

■ 74.6185, 0.3044,
0.3212

Harmonies

Analogous

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



15.5978, 0.1146, 0.1403



15.5978, 0.1723, 0.1375



15.5978, 0.2822, 0.1649

Triad

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



15.5978, 0.1723, 0.1375



15.5978, 0.5867, 0.3739



15.5978, 0.1708, 0.4782

Complementary

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



15.5978, 0.1723, 0.1375



35.8134, 0.5111, 0.4293

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.



15.5978, 0.2799, 0.6121



15.5978, 0.1723, 0.1375



15.5978, 0.5177, 0.4715

Square

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



15.5978, 0.1723, 0.1375



15.5978, 0.5664, 0.2939



15.5978, 0.4030, 0.5749



15.5978, 0.1088, 0.2891

Rectangle

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



15.5978, 0.1723, 0.1375



15.5978, 0.3843, 0.1995



15.5978, 0.4030, 0.5749



15.5978, 0.2035, 0.5404

Sweetspot

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



15.5982, 0.1723, 0.1375



64.0933, 0.2654, 0.2805



59.5399, 0.2653, 0.4725



12.7833, 0.2580, 0.2721



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.



15.5982, 0.1723, 0.1375



17.6157, 0.1689, 0.1280



6.2678, 0.1538, 0.0639



14.8706, 0.2981, 0.3149



8.1987, 0.1700, 0.1319



0.7859, 0.1779, 0.1606

Inverse Universe

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



18.3609, 0.5217, 0.2673



22.3095, 0.5355, 0.2723



72.4986, 0.4074, 0.5129



14.4673, 0.3227, 0.3192



10.0254, 0.5301, 0.2694



0.7590, 0.4924, 0.2486

Previews

White Background



This preview shows how the Yxy color 15.5978, 0.1723, 0.1375 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 15.5978, 0.1723, 0.1375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

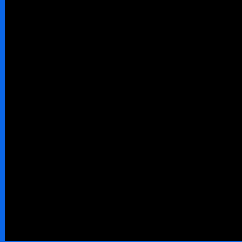
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

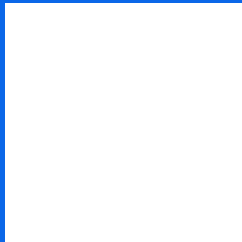
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.5978, 0.1723, 0.1375

Background



This preview shows how black text looks on a background with the Yxy color 15.5978, 0.1723, 0.1375.



This preview shows how white text looks on a background with the Yxy color 15.5978, 0.1723, 0.1375.

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

15.5978, 0.1723, 0.1375

Protanopia

15.4850, 0.1737, 0.1454

Deuteranopia

15.4386, 0.1847, 0.1849



Tritanopia

15.5040, 0.2201, 0.3125

Trichromacy



Original Color

15.5978, 0.1723, 0.1375

Protanomaly

15.4725, 0.1731, 0.1419

Deuteranomaly

15.4681, 0.1797, 0.1656

Tritanomaly

15.0405, 0.1968, 0.2265

Monochromacy



Original Color

15.5978, 0.1723, 0.1375

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

11.1295, 0.2216, 0.2262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5978, 0.1723, 0.1375 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(11, 103, 232)` looks like.

```
.text, #text, p{  
    color:rgb(11, 103, 232)  
}
```

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(11, 103, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 103, 232) }
```

Border

The CSS property to change the border of an element to Yxy 15.5978, 0.1723, 0.1375 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(11, 103, 232) }
```

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

```
.border{ border-color:rgb(11, 103, 232) }
```

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

Here you see how a box with a 4 pixel rgb(11, 103, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 103, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 103, 232);  
box-shadow:4px 4px 4px 4px rgb(11, 103,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5978, 0.1723, 0.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 103, 232) }
```

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

```
.background{ background-color: rgb(11, 103,  
232) }
```

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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