

Converting Colors

$Yxy(11.0931, 0.1724, 0.1011)$

Have a look what the booklet for
Yxy(11.0931, 0.1724, 0.1011)
contains.

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Color

Yxy(11.0931, 0.1724, 0.1011)

Conversions

Conversions Part 1

Format	Color
Hex	3C44EB
RGB	60, 68, 235
RGB Percent	24%, 27%, 92%
CMY	0.7651, 0.7331, 0.0786
CMYK	0.75, 0.71, 0.00, 0.08
HSL	237°, 81%, 58%
HSV	237°, 75%, 92%
XYZ	18.9164, 11.0931, 79.7145
YIQ	84.6460, -58.3750, 50.2410

Conversions

Conversions Part 2

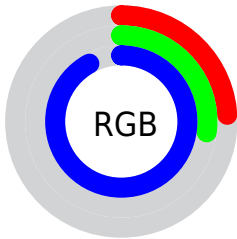
Format	Color
RYB	60, 68, 235
Decimal	3949803
CIELab	39.74, 51.68, -84.16
CIELCh	40, 98.759, 301.553
Yxy	11.0931, 0.1724, 0.1011
Android (android.graphics.Color)	4282139883 (0xFF3C44EB)
YUV	84.6460, 74.1245, -21.6145
Hunter-Lab	33.3063, 43.0936, -118.5888

Details

The Yxy color **11.0931, 0.1724, 0.1011** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **72.8148, 0.4157, 0.4844**, and the grayscale version is **8.8571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.1634, 0.2178, 0.1602**, and **3.7882, 0.1526, 0.0695** is the 20% darker color. If you saturate the color by 10%, you get **8.3047, 0.1601, 0.0796**, and if you desaturate by 10%, it is **15.2410, 0.1891, 0.1293**.

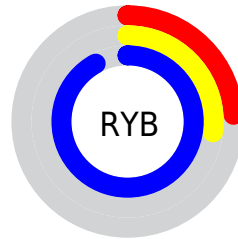
Distribution



Red (24%)

Green (27%)

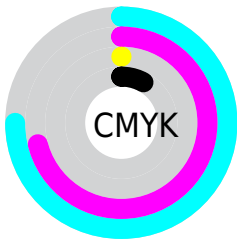
Blue (92%)



Red (24%)

Yellow (27%)

Blue (92%)

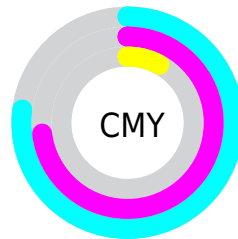


Cyan (75%)

Magenta (71%)

Yellow (0%)

Black (8%)



Cyan (77%)


Magenta (73%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0931, 0.1724, 0.1011 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 11.0931, 0.1724, 0.1011 by changing the saturation by 10% instead.


 11.0931, 0.1724,
0.1011


 11.0931, 0.1724,
0.1011


198.3052, 0.2513,
0.2085


 6.1295, 0.1525,
0.0798


 27.8322, 0.2018,
0.1366


 2.9240, 0.1280,
0.0566


 40.3765, 0.2128,
0.1512


 1.0922, 0.0983,
0.0328

 56.2164, 0.2219,
0.1639

 0.0000, 0.0647,
0.0000

 75.7364, 0.2297,
0.1751

 0.0000, 0.0158,
0.0000

 99.3209, 0.2363,
0.1850

 0.0000, 0.0000,
0.0000

127.3543, 0.2420,

0.1937

160.2209, 0.2469,
0.2015

■ 11.0931, 0.1724,
0.1011

■ 11.0931, 0.1724,
0.1011

■ 8.3047, 0.1601,
0.0796

■ 15.2410, 0.1891,
0.1293

■ 6.7034, 0.1528,
0.0662

■ 20.8916, 0.2087,
0.1619

■ 6.2342, 0.1506,
0.0621

■ 28.1705, 0.2298,
0.1965

■ 37.1899, 0.2509,
0.2306

■ 48.0522, 0.2710,
0.2628

■ 60.8518, 0.2894,
0.2922

■ 75.6766, 0.3059,
0.3183

■ 92.6091, 0.3205,
0.3411

■ 98.7761, 0.3244,
0.3483

Harmonies

Analogous

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



11.0931, 0.0889, 0.0905



11.0931, 0.1724, 0.1011



11.0931, 0.3428, 0.1429

Triad

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



11.0931, 0.1724, 0.1011



11.0931, 0.6191, 0.3809



11.0931, 0.0817, 0.4208

Complementary

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



11.0931, 0.1724, 0.1011



72.8148, 0.4157, 0.4844

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.



11.0931, 0.1777, 0.7182



11.0931, 0.1724, 0.1011



11.0931, 0.4789, 0.5211

Square

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



11.0931, 0.1724, 0.1011



11.0931, 0.6788, 0.2901



11.0931, 0.3149, 0.6851



11.0931, 0.0499, 0.1916

Rectangle

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



11.0931, 0.1724, 0.1011



11.0931, 0.4986, 0.1885



11.0931, 0.3149, 0.6851



11.0931, 0.1065, 0.5362

Sweetspot

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



11.0933, 0.1724, 0.1011



61.3616, 0.2756, 0.2702



65.8564, 0.2341, 0.3402



12.2901, 0.2704, 0.2619



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.



11.0933, 0.1724, 0.1011



8.8940, 0.1559, 0.0720



14.6773, 0.2232, 0.1205



14.6614, 0.2980, 0.3058



3.5214, 0.1508, 0.0630



0.3163, 0.1531, 0.0709

Inverse Universe

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



21.2944, 0.5605, 0.3234



22.2369, 0.6159, 0.3260



66.8077, 0.3516, 0.5307



15.0654, 0.3286, 0.3279



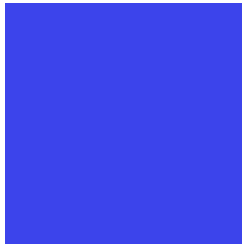
9.8483, 0.6351, 0.3272



0.7773, 0.6217, 0.3198

Previews

White Background



This preview shows how the Yxy color 11.0931, 0.1724, 0.1011 looks on a white background.

Color Contrast Check

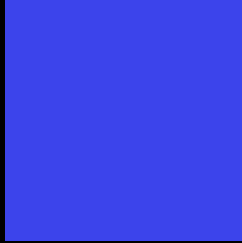
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0931, 0.1724, 0.1011 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 11.0931, 0.1724, 0.1011

Background



This preview shows how black text looks on a background with the Yxy color 11.0931, 0.1724, 0.1011.



This preview shows how white text looks on a background with the Yxy color 11.0931, 0.1724, 0.1011.

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

11.0931, 0.1724, 0.1011

Protanopia

10.9865, 0.1749, 0.1496

Deuteranopia

10.9390, 0.1868, 0.1925



Tritanopia

10.8046, 0.2202, 0.3126

Trichromacy



Original Color

11.0931, 0.1724, 0.1011

Protanomaly

10.6614, 0.1708, 0.1257

Deuteranomaly

10.4570, 0.1766, 0.1450

Tritanomaly

9.8495, 0.1899, 0.1889

Monochromacy



Original Color

11.0931, 0.1724, 0.1011

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0219, 0.2308, 0.1982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0931, 0.1724, 0.1011 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(60, 68, 235)` looks like.

```
.text, #text, p{  
    color:rgb(60, 68, 235)  
}
```

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(60, 68, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 68, 235) }
```

Border

The CSS property to change the border of an element to Yxy 11.0931, 0.1724, 0.1011 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(60, 68, 235) }
```

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

```
.border{ border-color:rgb(60, 68, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 68, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 68, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 68, 235);  
box-shadow:4px 4px 4px 4px rgb(60, 68,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0931, 0.1724, 0.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 68, 235) }
```

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

```
.background{ background-color: rgb(60, 68,  
235) }
```

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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