

Converting Colors

$Y_{xy}(11.7248, 0.1857, 0.0926)$

Have a look what the booklet for
Yxy(11.7248, 0.1857, 0.0926)
contains.

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Color

Yxy(11.7254, 0.1859, 0.0925)

Conversions

Conversions Part 1

Format	Color
Hex	6430FA
RGB	100, 48, 250
RGB Percent	39%, 19%, 98%
CMY	0.6080, 0.8117, 0.0196
CMYK	0.60, 0.81, 0.00, 0.02
HSL	255°, 95%, 58%
HSV	255°, 81%, 98%
XYZ	23.5649, 11.7254, 91.4708
YIQ	86.5760, -33.8500, 73.8460

Conversions

Conversions Part 2

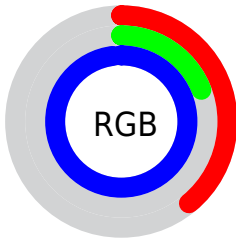
Format	Color
R _Y B	100, 48, 250
Decimal	6566138
CIE Lab	40.78, 69.38, -90.82
CIE LCh	41, 114.293, 307.377
Yxy	11.7254, 0.1859, 0.0925
Android (android.graphics.Color)	4284756218 (0xFF6430FA)
YUV	86.5760, 80.5680, 11.7728
Hunter-Lab	34.2424, 62.9158, -134.4102

Details

The Yxy color **11.7254, 0.1859, 0.0925** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **80.6064, 0.3770, 0.5236**, and the grayscale version is **9.2665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **24.8297, 0.2397, 0.1545**, and **3.8058, 0.1500, 0.0600** is the 20% darker color. If you saturate the color by 10%, you get **9.2829, 0.1729, 0.0765**, and if you desaturate by 10%, it is **15.5600, 0.2017, 0.1155**.

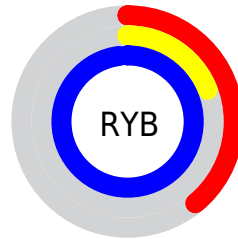
Distribution



Red (39%)

Green (19%)

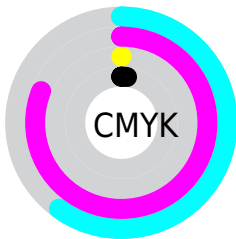
Blue (98%)



Red (39%)

Yellow (19%)

Blue (98%)

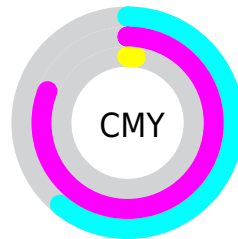


Cyan (60%)

Magenta (81%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (81%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7254, 0.1859, 0.0925 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 11.7254, 0.1859, 0.0925 by changing the saturation by 10% instead.


 11.7254, 0.1859,
0.0925


 11.7254, 0.1859,
0.0925


202.5788, 0.2581,
0.1988


 6.5570, 0.1676,
0.0726


 28.9940, 0.2129,
0.1266

 3.1866, 0.1449,
0.0513


 41.8629, 0.2230,
0.1408

 1.2299, 0.1170,
0.0300

 58.0675, 0.2313,
0.1534

 0.0859, 0.0844,
0.0034

 77.9921, 0.2384,
0.1646

 0.0000, 0.0470,
0.0000

 102.0212, 0.2445,
0.1746

 0.0000, 0.0000,
0.0000

 130.5390, 0.2497,

0.1835

163.9301, 0.2542,
0.1915

■ 11.7254, 0.1859,
0.0925

■ 11.7254, 0.1859,
0.0925

■ 9.2829, 0.1729,
0.0765

■ 15.5600, 0.2017,
0.1155

■ 8.0022, 0.1638,
0.0676

■ 20.9702, 0.2193,
0.1439

■ 28.1112, 0.2375,
0.1757

■ 37.1188, 0.2553,
0.2089

■ 48.1152, 0.2719,
0.2416

61.2120, 0.2870,
0.2726

76.5124, 0.3003,
0.3012

94.1126, 0.3119,
0.3271

99.6827, 0.3156,
0.3338

Harmonies

Analogous

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



11.7254, 0.0866, 0.0765



11.7254, 0.1859, 0.0925



11.7254, 0.3924, 0.1409

Triad

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



11.7254, 0.1859, 0.0925



11.7254, 0.6094, 0.3906



11.7254, 0.0525, 0.3568

Complementary

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



11.7254, 0.1859, 0.0925



80.6064, 0.3770, 0.5236

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.



11.7254, 0.1290, 0.7369



11.7254, 0.1859, 0.0925



11.7254, 0.4412, 0.5588

Square

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



11.7254, 0.1859, 0.0925



11.7254, 0.7090, 0.2894



11.7254, 0.2590, 0.7410



11.7254, 0.0354, 0.1499

Rectangle

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



11.7254, 0.1859, 0.0925



11.7254, 0.5688, 0.1897



11.7254, 0.2590, 0.7410



11.7254, 0.0698, 0.4836

Sweetspot

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



11.7256, 0.1859, 0.0925



59.3482, 0.2823, 0.2628



48.6150, 0.2104, 0.2622



11.6577, 0.2769, 0.2518



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.



11.7256, 0.1859, 0.0925



8.7351, 0.1664, 0.0701



21.2310, 0.2700, 0.1365



16.8587, 0.3019, 0.3048



4.3022, 0.1651, 0.0683



0.4469, 0.1768, 0.0748

Inverse Universe

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



26.5223, 0.3807, 0.1992



25.2054, 0.3976, 0.1974



71.2162, 0.3173, 0.5676



17.4439, 0.3177, 0.3115



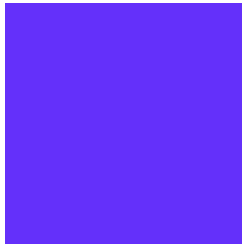
12.6793, 0.3990, 0.1971



1.1915, 0.3875, 0.1909

Previews

White Background



This preview shows how the Yxy color 11.7254, 0.1859, 0.0925 looks on a white background.

Color Contrast Check

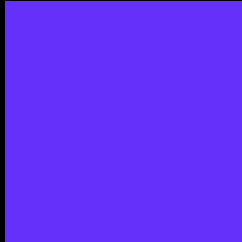
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7254, 0.1859, 0.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

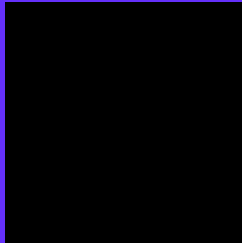
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7254, 0.1859, 0.0925

Background



This preview shows how black text looks on a background with the Yxy color 11.7254, 0.1859, 0.0925.



This preview shows how white text looks on a background with the Yxy color 11.7254, 0.1859, 0.0925.

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

11.7254, 0.1859, 0.0925

Protanopia

11.5493, 0.1747, 0.1487

Deuteranopia

11.4885, 0.1861, 0.1901



Tritanopia

11.6355, 0.2303, 0.3083

Trichromacy



Original Color

11.7254, 0.1859, 0.0925

Protanomaly

10.3990, 0.1704, 0.1147

Deuteranomaly

10.1436, 0.1756, 0.1302

Tritanomaly

9.8845, 0.2009, 0.1723

Monochromacy



Original Color

11.7254, 0.1859, 0.0925

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.1157, 0.2425, 0.1844

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7254, 0.1859, 0.0925 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(100, 48, 250)` looks like.

```
.text, #text, p{  
    color:rgb(100, 48, 250)  
}
```

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(100, 48, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 48, 250) }
```

Border

The CSS property to change the border of an element to Yxy 11.7254, 0.1859, 0.0925 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(100, 48, 250) }
```

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

```
.border{ border-color:rgb(100, 48, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 48, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 48, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 48, 250);  
box-shadow:4px 4px 4px 4px rgb(100, 48,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7254, 0.1859, 0.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 48, 250) }
```

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

```
.background{ background-color: rgb(100, 48,  
250) }
```

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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