

Converting Colors

$Y_{xy}(14.6526, 0.2199, 0.1211)$

Have a look what the booklet for
Yxy(14.6526, 0.2199, 0.1211)
contains.

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Color

Yxy(14.6215, 0.2194, 0.1206)

Conversions

Conversions Part 1

Format	Color
Hex	863FEB
RGB	134, 63, 235
RGB Percent	53%, 25%, 92%
CMY	0.4746, 0.7528, 0.0784
CMYK	0.43, 0.73, 0.00, 0.08
HSL	265°, 81%, 58%
HSV	265°, 73%, 92%
XYZ	26.6000, 14.6215, 80.0182
YIQ	103.8370, -12.8960, 68.5440

Conversions

Conversions Part 2

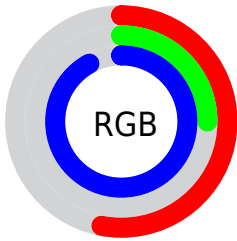
Format	Color
R _Y B	134, 63, 235
Decimal	8798187
CIE Lab	45.11, 63.64, -75.12
CIE LCh	45, 98.454, 310.271
Yxy	14.6215, 0.2194, 0.1206
Android (android.graphics.Color)	4286988267 (0xFF863FEB)
YUV	103.8370, 64.6634, 26.4530
Hunter-Lab	38.2381, 57.2553, -97.3054

Details

The Yxy color **14.6215, 0.2194, 0.1206** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **67.6759, 0.3562, 0.5248**, and the grayscale version is **13.6265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4119, 0.2647, 0.1782**, and **4.5921, 0.1855, 0.0795** is the 20% darker color. If you saturate the color by 10%, you get **11.4887, 0.2052, 0.1003**, and if you desaturate by 10%, it is **19.0132, 0.2345, 0.1460**.

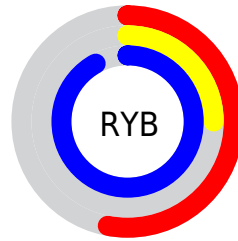
Distribution



Red (53%)

Green (25%)

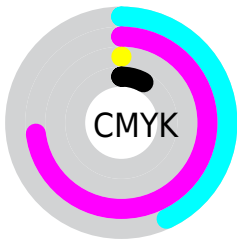
Blue (92%)



Red (53%)

Yellow (25%)

Blue (92%)

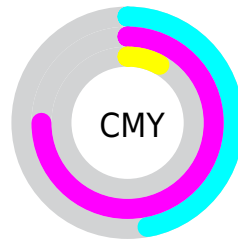


Cyan (43%)

Magenta (73%)

Yellow (0%)

Black (8%)



Cyan (47%)


Magenta (75%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6215, 0.2194, 0.1206 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 14.6215, 0.2194, 0.1206 by changing the saturation by 10% instead.


 14.6215, 0.2194,
0.1206


 14.6215, 0.2194,
0.1206


221.0637, 0.2742,
0.2181


 8.5542, 0.2044,
0.1004


 34.1878, 0.2406,
0.1533


 4.4516, 0.1850,
0.0775


 48.4556, 0.2482,
0.1664


 1.9292, 0.1595,
0.0523

 66.2256, 0.2545,
0.1779

 0.5659, 0.1264,
0.0254

 87.8823, 0.2598,
0.1880

 0.0000, 0.0847,
0.0000

 113.8101, 0.2642,
0.1969

 0.0000, 0.0000,
0.0000

144.3933, 0.2680,

0.2047

180.0164, 0.2713,
0.2118

■ 14.6215, 0.2194,
0.1206

■ 14.6215, 0.2194,
0.1206

■ 11.4887, 0.2052,
0.1003

■ 19.0132, 0.2345,
0.1460

■ 9.4555, 0.1926,
0.0860

■ 24.7936, 0.2497,
0.1750

■ 8.5361, 0.1850,
0.0793

■ 32.0771, 0.2644,
0.2057

■ 40.9653, 0.2779,
0.2368

■ 51.5510, 0.2901,
0.2668

63.9196, 0.3008,
0.2951

78.1507, 0.3101,
0.3212

94.3189, 0.3179,
0.3449

98.7782, 0.3244,
0.3483

Harmonies

Analogous

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



14.6215, 0.1171, 0.1015



14.6215, 0.2194, 0.1206



14.6215, 0.4030, 0.1716

Triad

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



14.6215, 0.2194, 0.1206



14.6215, 0.5758, 0.4242



14.6215, 0.0809, 0.3368

Complementary

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



14.6215, 0.2194, 0.1206



67.6759, 0.3562, 0.5248

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.



14.6215, 0.1609, 0.6218



14.6215, 0.2194, 0.1206



14.6215, 0.4359, 0.5641

Square

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



14.6215, 0.2194, 0.1206



14.6215, 0.6540, 0.3241



14.6215, 0.2905, 0.7006



14.6215, 0.0594, 0.1712

Rectangle

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



14.6215, 0.2194, 0.1206



14.6215, 0.5429, 0.2203



14.6215, 0.2905, 0.7006



14.6215, 0.0999, 0.4279

Sweetspot

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



14.6219, 0.2194, 0.1206



63.5569, 0.2914, 0.2700



34.4055, 0.2065, 0.2313



12.8028, 0.2882, 0.2620



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.



14.6219, 0.2194, 0.1206



12.4022, 0.1984, 0.0921



24.4316, 0.3022, 0.1618



14.8523, 0.3044, 0.3051



4.8213, 0.1866, 0.0802



0.4337, 0.2021, 0.0887

Inverse Universe

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



23.9032, 0.4104, 0.2295



24.8434, 0.4399, 0.2263



61.4919, 0.3079, 0.5579



15.2025, 0.3201, 0.3152



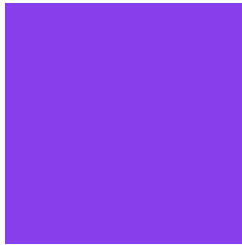
10.8781, 0.4589, 0.2302



0.8733, 0.4346, 0.2168

Previews

White Background



This preview shows how the Yxy color 14.6215, 0.2194, 0.1206 looks on a white background.

Color Contrast Check

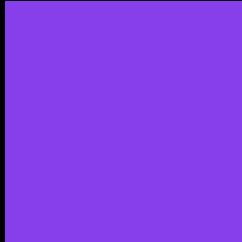
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6215, 0.2194, 0.1206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

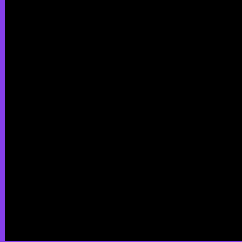
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6215, 0.2194, 0.1206

Background



This preview shows how black text looks on a background with the Yxy color 14.6215, 0.2194, 0.1206.



This preview shows how white text looks on a background with the Yxy color 14.6215, 0.2194, 0.1206.

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

14.6215, 0.2194, 0.1206

Protanopia

14.7102, 0.1743, 0.1476

Deuteranopia

14.5681, 0.1847, 0.1850



Tritanopia

14.5871, 0.3026, 0.3123

Trichromacy



Original Color

14.6215, 0.2194, 0.1206



Protanomaly

13.0142, 0.1763, 0.1260



Deuteranomaly

12.7150, 0.1827, 0.1442



Tritanomaly

13.4940, 0.2637, 0.2090

Monochromacy



Original Color

14.6215, 0.2194, 0.1206



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.0566, 0.2686, 0.2150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6215, 0.2194, 0.1206 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(134, 63, 235)` looks like.

```
.text, #text, p{  
    color:rgb(134, 63, 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(134, 63, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 63, 235) }
```

Border

The CSS property to change the border of an element to Yxy 14.6215, 0.2194, 0.1206 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(134, 63, 235) }
```

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

```
.border{ border-color:rgb(134, 63, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 63, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 63, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 63, 235);  
box-shadow:4px 4px 4px 4px rgb(134, 63,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6215, 0.2194, 0.1206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 63, 235) }
```

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

```
.background{ background-color: rgb(134, 63,  
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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