

Converting Colors

$Y_{xy}(14.5619, 0.1915, 0.1114)$

Have a look what the booklet for
Yxy(14.5619, 0.1915, 0.1114)
contains.

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Color

Yxy(14.5619, 0.1915, 0.1114)

Conversions

Conversions Part 1

Format	Color
Hex	664AF9
RGB	102, 74, 249
RGB Percent	40%, 29%, 98%
CMY	0.5998, 0.7099, 0.0235
CMYK	0.59, 0.70, 0.00, 0.02
HSL	250°, 94%, 63%
HSV	250°, 70%, 98%
XYZ	25.0324, 14.5619, 91.1230
YIQ	102.3220, -39.4870, 60.3610

Conversions

Conversions Part 2

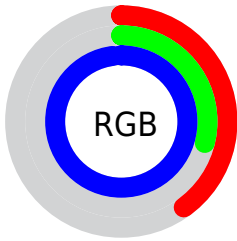
Format	Color
R _Y B	102, 74, 249
Decimal	6703865
CIE Lab	45.03, 57.44, -83.25
CIE LCh	45, 101.149, 304.606
Yxy	14.5619, 0.1915, 0.1114
Android (android.graphics.Color)	4284893945 (0xFF664AF9)
YUV	102.3220, 72.3123, -0.2824
Hunter-Lab	38.1601, 50.3129, -114.8675

Details

The Yxy color **14.5619, 0.1915, 0.1114** 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 **83.6142, 0.3870, 0.4985**, and the grayscale version is **13.1913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.9942, 0.2428, 0.1771**, and **4.4342, 0.1530, 0.0695** is the 20% darker color. If you saturate the color by 10%, you get **10.7988, 0.1757, 0.0878**, and if you desaturate by 10%, it is **19.9483, 0.2099, 0.1409**.

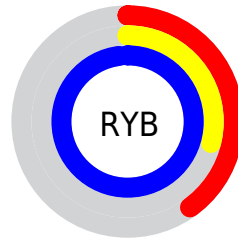
Distribution



Red (40%)

Green (29%)

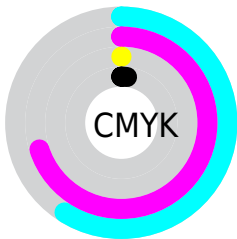
Blue (98%)



Red (40%)

Yellow (29%)

Blue (98%)

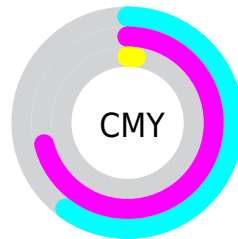


Cyan (59%)

Magenta (70%)

Yellow (0%)

Black (2%)



Cyan (60%)


Magenta (71%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5619, 0.1915, 0.1114 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 14.5619, 0.1915, 0.1114 by changing the saturation by 10% instead.


 14.5619, 0.1915,
0.1114


 14.5619, 0.1915,
0.1114


220.6990, 0.2591,
0.2115


 8.5125, 0.1744,
0.0915


 34.0828, 0.2167,
0.1444


 4.4246, 0.1530,
0.0692


 48.3230, 0.2260,
0.1578

 1.9138, 0.1264,
0.0455

 66.0624, 0.2339,
0.1697

 0.5567, 0.0940,
0.0212

 87.6852, 0.2405,
0.1801

 0.0000, 0.0570,
0.0000

 113.5758, 0.2462,
0.1893

 0.0000, 0.0000,
0.0000

144.1188, 0.2511,

0.1976

179.6983, 0.2554,
0.2049

■ 14.5619, 0.1915,
0.1114

■ 14.5619, 0.1915,
0.1114

■ 10.7988, 0.1757,
0.0878

■ 19.9483, 0.2099,
0.1409

■ 8.4688, 0.1636,
0.0718

■ 27.1168, 0.2294,
0.1740

■ 7.2903, 0.1558,
0.0632

■ 36.2082, 0.2489,
0.2083

■ 47.3488, 0.2674,
0.2420

■ 60.6540, 0.2843,
0.2736

76.2306, 0.2993,
0.3025

94.1782, 0.3124,
0.3283

99.6203, 0.3162,
0.3347

Harmonies

Analogous

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



14.5619, 0.1019, 0.0979



14.5619, 0.1915, 0.1114



14.5619, 0.3637, 0.1565

Triad

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



14.5619, 0.1915, 0.1114



14.5619, 0.6004, 0.3996



14.5619, 0.0863, 0.3870

Complementary

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



14.5619, 0.1915, 0.1114



83.6142, 0.3870, 0.4985

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.



14.5619, 0.1779, 0.6733



14.5619, 0.1915, 0.1114



14.5619, 0.4638, 0.5362

Square

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



14.5619, 0.1915, 0.1114



14.5619, 0.6631, 0.3058



14.5619, 0.3122, 0.6878



14.5619, 0.0570, 0.1877

Rectangle

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



14.5619, 0.1915, 0.1114



14.5619, 0.5103, 0.2031



14.5619, 0.3122, 0.6878



14.5619, 0.1094, 0.4895

Sweetspot

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



14.5622, 0.1915, 0.1114



62.9110, 0.2831, 0.2714



60.9401, 0.2243, 0.2956



12.5945, 0.2786, 0.2628



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.



14.5622, 0.1915, 0.1114



10.2944, 0.1706, 0.0807



22.3938, 0.2604, 0.1450



16.7767, 0.3004, 0.3046



3.9412, 0.1567, 0.0637



0.4024, 0.1661, 0.0689

Inverse Universe

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



30.2528, 0.3494, 0.1938



28.0333, 0.3580, 0.1824



73.4232, 0.3299, 0.5366



17.4739, 0.3163, 0.3093



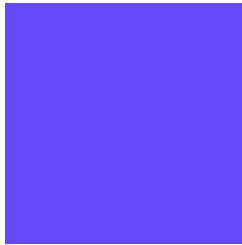
13.2639, 0.3662, 0.1791



1.2409, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 14.5619, 0.1915, 0.1114 looks on a white background.

Color Contrast Check

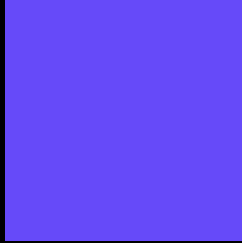
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5619, 0.1915, 0.1114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

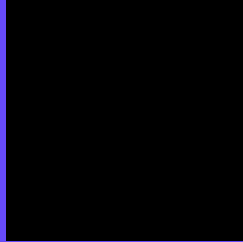
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5619, 0.1915, 0.1114

Background



This preview shows how black text looks on a background with the Yxy color 14.5619, 0.1915, 0.1114.



This preview shows how white text looks on a background with the Yxy color 14.5619, 0.1915, 0.1114.

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

14.5619, 0.1915, 0.1114

Protanopia

14.4606, 0.1741, 0.1469

Deuteranopia

14.4401, 0.1857, 0.1885



Tritanopia

14.3705, 0.2351, 0.3057

Trichromacy



Original Color

14.5619, 0.1915, 0.1114

Protanomaly

13.6490, 0.1733, 0.1272

Deuteranomaly

13.3131, 0.1794, 0.1463

Tritanomaly

13.2456, 0.2110, 0.1969

Monochromacy



Original Color

14.5619, 0.1915, 0.1114

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.8456, 0.2506, 0.2114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5619, 0.1915, 0.1114 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(102, 74, 249)` looks like.

```
.text, #text, p{  
    color:rgb(102, 74, 249)  
}
```

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(102, 74, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 74, 249) }
```

Border

The CSS property to change the border of an element to Yxy 14.5619, 0.1915, 0.1114 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(102, 74, 249) }
```

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

```
.border{ border-color:rgb(102, 74, 249) }
```

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

Here you see how a box with a 4 pixel rgb(102, 74, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 74, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 74, 249);  
box-shadow:4px 4px 4px 4px rgb(102, 74,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5619, 0.1915, 0.1114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 74, 249) }
```

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

```
.background{ background-color: rgb(102, 74,  
249) }
```

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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