

Converting Colors

$Y_{xy}(15.1218, 0.1911, 0.1018)$

Have a look what the booklet for
Yxy(15.1218, 0.1911, 0.1018)
contains.

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Color

Yxy(14.5113, 0.1949, 0.1057)

Conversions

Conversions Part 1

Format	Color
Hex	7141FF
RGB	113, 65, 255
RGB Percent	44%, 25%, 100%
CMY	0.5567, 0.7452, 0.0000
CMYK	0.56, 0.75, 0.00, 0.00
HSL	255°, 100%, 63%
HSV	255°, 75%, 100%
XYZ	26.7574, 14.5113, 96.0190
YIQ	101.0120, -32.3820, 69.2660

Conversions

Conversions Part 2

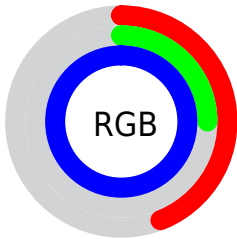
Format	Color
R _Y B	113, 65, 255
Decimal	7422463
CIE Lab	44.96, 64.95, -86.69
CIE LCh	45, 108.323, 306.840
Yxy	14.5113, 0.1949, 0.1057
Android (android.graphics.Color)	4285612543 (0xFF7141FF)
YUV	101.0120, 75.9161, 10.5135
Hunter-Lab	38.0937, 58.7160, -122.7807

Details

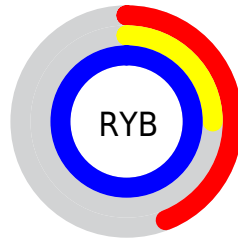
The Yxy color **14.5113, 0.1949, 0.1057** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **85.1542, 0.3767, 0.5139**, and the grayscale version is **12.8221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5240, 0.2506, 0.1734**, and **4.4197, 0.1573, 0.0647** is the 20% darker color. If you saturate the color by 10%, you get **11.0812, 0.1801, 0.0852**, and if you desaturate by 10%, it is **19.5236, 0.2120, 0.1323**.

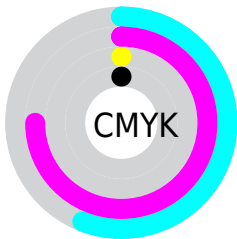
Distribution



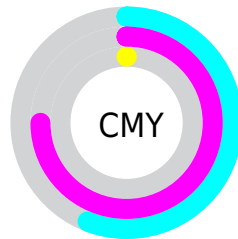
- Red (44%)
- Green (25%)
- Blue (100%)



- Red (44%)
- Yellow (25%)
- Blue (100%)



- Cyan (56%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5113, 0.1949, 0.1057 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 14.5113, 0.1949, 0.1057 by changing the saturation by 10% instead.

 14.5113, 0.1949,
0.1057


 14.5113, 0.1949,
0.1057


220.3889, 0.2610,
0.2064


 8.4771, 0.1781,
0.0862


 33.9935, 0.2195,
0.1384


 4.4017, 0.1573,
0.0646


 48.2104, 0.2287,
0.1519

 1.9007, 0.1312,
0.0420


 65.9236, 0.2364,
0.1638

 0.5488, 0.0995,
0.0192

 87.5176, 0.2429,
0.1744

 0.0000, 0.0628,
0.0000

 113.3767, 0.2484,
0.1838

 0.0000, 0.0003,
0.0000

143.8854, 0.2532,

 0.0000, 0.0000,

0.1922

0.0000

179.4280, 0.2574,
0.1997

■ 14.5113, 0.1949,
0.1057

■ 14.5113, 0.1949,
0.1057

■ 11.0812, 0.1801,
0.0852

■ 19.5236, 0.2120,
0.1323

■ 9.0270, 0.1683,
0.0720

■ 26.2949, 0.2302,
0.1632

■ 8.3276, 0.1633,
0.0673

■ 34.9734, 0.2483,
0.1962

■ 45.6926, 0.2655,
0.2293

■ 58.5736, 0.2813,
0.2612

■ 73.7280, 0.2954,
0.2908

■ 91.2596, 0.3077,
0.3178

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



14.5113, 0.0987, 0.0900



14.5113, 0.1949, 0.1057



14.5113, 0.3826, 0.1535

Triad

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



14.5113, 0.1949, 0.1057



14.5113, 0.5987, 0.4013



14.5113, 0.0716, 0.3654

Complementary

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



14.5113, 0.1949, 0.1057



85.1542, 0.3767, 0.5139

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.



14.5113, 0.1562, 0.6866



14.5113, 0.1949, 0.1057



14.5113, 0.4497, 0.5503

Square

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



14.5113, 0.1949, 0.1057



14.5113, 0.6783, 0.3034



14.5113, 0.2885, 0.7115



14.5113, 0.0485, 0.1696

Rectangle

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



14.5113, 0.1949, 0.1057



14.5113, 0.5392, 0.2017



14.5113, 0.2885, 0.7115



14.5113, 0.0919, 0.4746

Sweetspot

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



14.5100, 0.1949, 0.1057



62.1812, 0.2851, 0.2689



53.2061, 0.2149, 0.2680



12.4813, 0.2811, 0.2606



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.



14.5100, 0.1949, 0.1057



10.0065, 0.1744, 0.0784



24.3323, 0.2742, 0.1457



17.5998, 0.3018, 0.3047



4.4106, 0.1646, 0.0681



0.4786, 0.1756, 0.0741

Inverse Universe

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



29.5370, 0.3732, 0.2027



26.1505, 0.3882, 0.1960



75.3769, 0.3193, 0.5539



18.2172, 0.3177, 0.3114



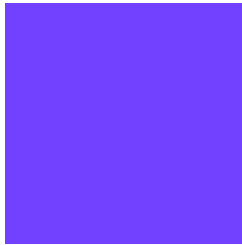
13.0877, 0.3976, 0.1964



1.2919, 0.3869, 0.1905

Previews

White Background



This preview shows how the Yxy color 14.5113, 0.1949, 0.1057 looks on a white background.

Color Contrast Check

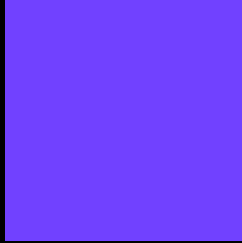
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5113, 0.1949, 0.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

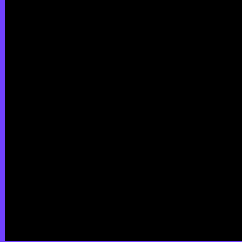
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5113, 0.1949, 0.1057

Background



This preview shows how black text looks on a background with the Yxy color 14.5113, 0.1949, 0.1057.

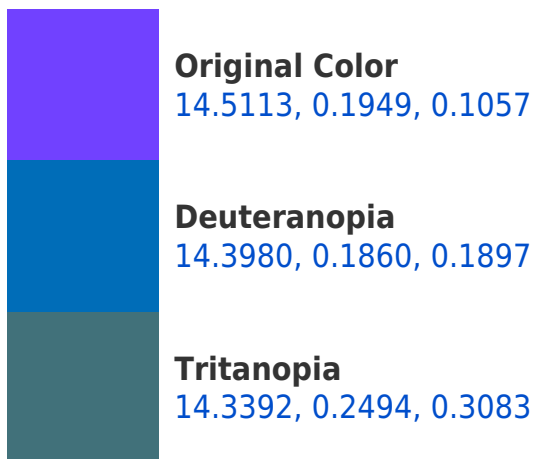


This preview shows how white text looks on a background with the Yxy color 14.5113, 0.1949, 0.1057.

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



Trichromacy



Original Color

14.5113, 0.1949, 0.1057

Deuteranomaly

12.9533, 0.1789, 0.1408

Tritanomaly

13.0619, 0.2202, 0.1928

Monochromacy



Original Color

14.5113, 0.1949, 0.1057

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.4170, 0.2512, 0.2026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5113, 0.1949, 0.1057 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(113, 65, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 65, 255)  
}
```

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(113, 65, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 65, 255) }
```

Border

The CSS property to change the border of an element to Yxy 14.5113, 0.1949, 0.1057 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(113, 65, 255) }
```

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

```
.border{ border-color:rgb(113, 65, 255) }
```

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

Here you see how a box with a 4 pixel rgb(113, 65, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 65, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 65, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 65,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 14.5113, 0.1949, 0.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 65, 255) }
```

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

```
.background{ background-color: rgb(113, 65,  
255) }
```

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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