

Converting Colors

$Yxy(16.1926, 0.1987, 0.1407)$

Have a look what the booklet for
Yxy(16.1926, 0.1987, 0.1407)
contains.

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Color

Yxy(16.2212, 0.1985, 0.1409)

Conversions

Conversions Part 1

Format	Color
Hex	5E5FE5
RGB	94, 95, 229
RGB Percent	37%, 37%, 90%
CMY	0.6313, 0.6275, 0.1020
CMYK	0.59, 0.59, 0.00, 0.10
HSL	240°, 72%, 63%
HSV	240°, 59%, 90%
XYZ	22.8524, 16.2212, 76.0520
YIQ	109.9770, -43.6100, 41.4620

Conversions

Conversions Part 2

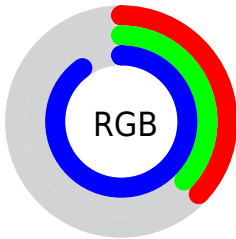
Format	Color
R _Y B	94, 95, 229
Decimal	6184933
CIE Lab	47.26, 38.22, -68.38
CIE LCh	47, 78.335, 299.205
Yxy	16.2212, 0.1985, 0.1409
Android (android.graphics.Color)	4284375013 (0xFF5E5FE5)
YUV	109.9770, 58.6783, -14.0118
Hunter-Lab	40.2756, 30.7991, -83.7639

Details

The Yxy color **16.2212, 0.1985, 0.1409** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **72.9705, 0.3968, 0.4664**, and the grayscale version is **15.4259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7463, 0.2382, 0.1978**, and **5.2074, 0.1612, 0.0975** is the 20% darker color. If you saturate the color by 10%, you get **11.6697, 0.1798, 0.1100**, and if you desaturate by 10%, it is **22.3275, 0.2195, 0.1755**.

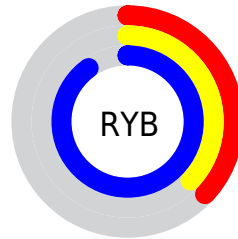
Distribution



Red (37%)

Green (37%)

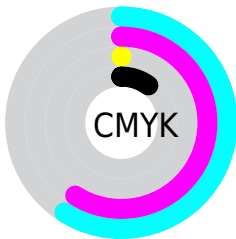
Blue (90%)



Red (37%)

Yellow (37%)

Blue (90%)

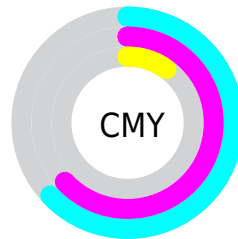


Cyan (59%)

Magenta (59%)

Yellow (0%)

Black (10%)



Cyan (63%)

Magenta (63%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.2212, 0.1985, 0.1409 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 16.2212, 0.1985, 0.1409 by changing the saturation by 10% instead.

■ 16.2212, 0.1985,
0.1409

■ 16.2212, 0.1985,
0.1409

230.6435, 0.2619,
0.2327

■ 9.6808, 0.1820,
0.1206

■ 36.9818, 0.2224,
0.1727

■ 5.1878, 0.1610,
0.0968

■ 51.9708, 0.2311,
0.1852

■ 2.3579, 0.1341,
0.0694

■ 70.5448, 0.2384,
0.1959

■ 0.8041, 0.1000,
0.0398

■ 93.0882, 0.2446,
0.2053

■ 0.0000, 0.0587,
0.0000

119.9853, 0.2499,
0.2135

■ 0.0000, 0.0000,
0.0000

151.6207, 0.2544,

0.2207

188.3786, 0.2584,
0.2270

■ 16.2212, 0.1985,
0.1409

■ 16.2212, 0.1985,
0.1409

■ 11.6697, 0.1798,
0.1100

■ 22.3275, 0.2195,
0.1755

■ 8.5315, 0.1650,
0.0854

■ 30.1104, 0.2410,
0.2111

■ 6.6419, 0.1553,
0.0690

■ 39.6813, 0.2620,
0.2456


■ 5.7605, 0.1505,
0.0610


■ 51.1416, 0.2814,
0.2776

■ 5.6924, 0.1501,
0.0603

■ 64.5851, 0.2989,
0.3063

 80.0993, 0.3143,
0.3315

 97.7666, 0.3276,
0.3534

 98.4369, 0.3280,
0.3542

Harmonies

Analogous

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



16.2212, 0.1259, 0.1340



16.2212, 0.1985, 0.1409



16.2212, 0.3273, 0.1777

Triad

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



16.2212, 0.1985, 0.1409



16.2212, 0.5748, 0.4007



16.2212, 0.1434, 0.4165

Complementary

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



16.2212, 0.1985, 0.1409



72.9705, 0.3968, 0.4664

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.



16.2212, 0.2416, 0.5947



16.2212, 0.1985, 0.1409



16.2212, 0.4869, 0.5062

Square

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



16.2212, 0.1985, 0.1409



16.2212, 0.5889, 0.3166



16.2212, 0.3638, 0.6022



16.2212, 0.0980, 0.2450

Rectangle

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



16.2212, 0.1985, 0.1409



16.2212, 0.4362, 0.2177



16.2212, 0.3638, 0.6022



16.2212, 0.1709, 0.4860

Sweetspot

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



16.2217, 0.1985, 0.1409



66.6010, 0.2829, 0.2801



63.9498, 0.2410, 0.3317



13.2709, 0.2775, 0.2711



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.



16.2217, 0.1985, 0.1409



13.7391, 0.1757, 0.1032



21.0657, 0.2499, 0.1620



13.9036, 0.2980, 0.3049



3.2622, 0.1501, 0.0605



0.2469, 0.1505, 0.0618

Inverse Universe

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



25.4943, 0.4946, 0.3285



26.6622, 0.5544, 0.3287



64.7124, 0.3466, 0.4951



14.3697, 0.3291, 0.3289



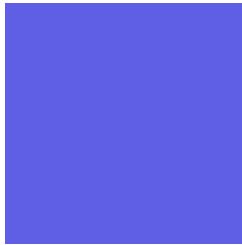
9.5270, 0.6393, 0.3295



0.7046, 0.6370, 0.3283

Previews

White Background



This preview shows how the Yxy color 16.2212, 0.1985, 0.1409 looks on a white background.

Color Contrast Check

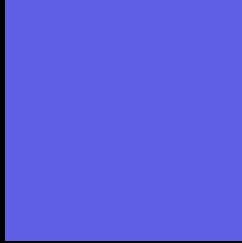
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2212, 0.1985, 0.1409 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 16.2212, 0.1985, 0.1409

Background



This preview shows how black text looks on a background with the Yxy color 16.2212, 0.1985, 0.1409.

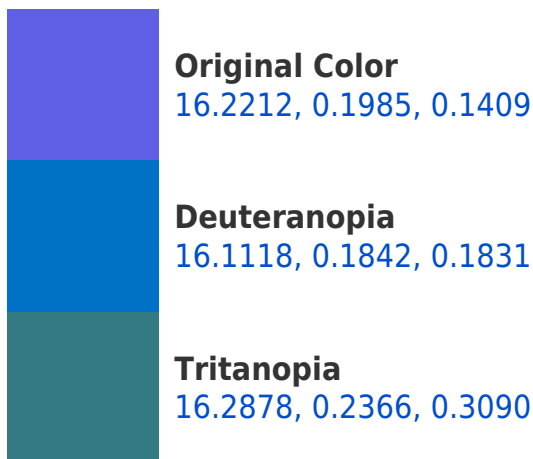


This preview shows how white text looks on a background with the Yxy color 16.2212, 0.1985, 0.1409.

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

16.2212, 0.1985, 0.1409

Deuteranomaly

15.4589, 0.1829, 0.1623

Tritanomaly

15.5717, 0.2173, 0.2243

Monochromacy



Original Color

16.2212, 0.1985, 0.1409

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.3461, 0.2576, 0.2395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2212, 0.1985, 0.1409 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(94, 95, 229)` looks like.

```
.text, #text, p{  
    color:rgb(94, 95, 229)  
}
```

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(94, 95, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 95, 229) }
```

Border

The CSS property to change the border of an element to Yxy 16.2212, 0.1985, 0.1409 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(94, 95, 229) }
```

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

```
.border{ border-color:rgb(94, 95, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 95, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 95, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 95, 229);  
box-shadow:4px 4px 4px 4px rgb(94, 95,  
229) }
```

Background

The CSS property to change the background color of an element to Yxy 16.2212, 0.1985, 0.1409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 95, 229) }
```

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

```
.background{ background-color: rgb(94, 95,  
229) }
```

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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