

Converting Colors

Yxy(25.4654, 0.2115, 0.1682)

Have a look what the booklet for
Yxy(25.4654, 0.2115, 0.1682)
contains.

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Color

Yxy(25.3513, 0.2115, 0.1680)

Conversions

Conversions Part 1

Format	Color
Hex	757DFA
RGB	117, 125, 250
RGB Percent	46%, 49%, 98%
CMY	0.5414, 0.5097, 0.0197
CMYK	0.53, 0.50, 0.00, 0.02
HSL	236°, 93%, 72%
HSV	236°, 53%, 98%
XYZ	31.9155, 25.3513, 93.6338
YIQ	136.8580, -44.8930, 37.1790

Conversions

Conversions Part 2

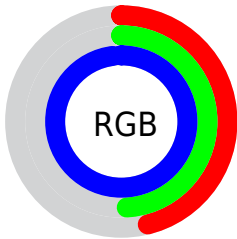
Format	Color
R _Y B	117, 125, 250
Decimal	7699962
CIE Lab	57.42, 31.08, -63.61
CIE LCh	57, 70.797, 296.040
Yxy	25.3513, 0.2115, 0.1680
Android (android.graphics.Color)	4285890042 (0xFF757DFA)
YUV	136.8580, 55.7790, -17.4155
Hunter-Lab	50.3501, 25.0334, -75.0140

Details

The Yxy color **25.3513, 0.2115, 0.1680** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **85.0424, 0.3940, 0.4507**, and the grayscale version is **24.7561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4079, 0.2583, 0.2400**, and **9.7229, 0.1812, 0.1298** is the 20% darker color. If you saturate the color by 10%, you get **18.5869, 0.1917, 0.1351**, and if you desaturate by 10%, it is **33.9842, 0.2326, 0.2023**.

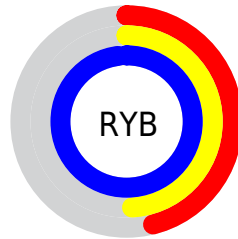
Distribution



Red (46%)

Green (49%)

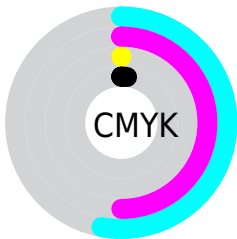
Blue (98%)



Red (46%)

Yellow (49%)

Blue (98%)

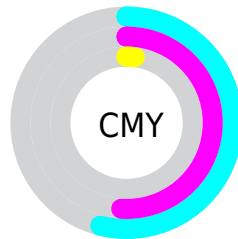


Cyan (53%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (54%)


Magenta (51%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3513, 0.2115, 0.1680 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 25.3513, 0.2115, 0.1680 by changing the saturation by 10% instead.


 25.3513, 0.2115,
0.1680


 25.3513, 0.2115,
0.1680


279.5829, 0.2647,
0.2447


 16.3390, 0.1983,
0.1510


 52.2266, 0.2310,
0.1944

 9.7643, 0.1816,
0.1307


 70.8583, 0.2383,
0.2048

 5.2430, 0.1603,
0.1064


 93.4653, 0.2444,
0.2138

 2.3905, 0.1329,
0.0778

120.4319, 0.2497,
0.2216

 0.8210, 0.0979,
0.0459

152.1426, 0.2542,
0.2284

 0.0000, 0.0520,
0.0000

188.9818, 0.2582,

 0.0000, 0.0000,

0.2345

0.0000

231.3337, 0.2616,
0.2398

■ 25.3513, 0.2115,
0.1680

■ 25.3513, 0.2115,
0.1680

■ 18.5869, 0.1917,
0.1351

■ 33.9842, 0.2326,
0.2023

■ 13.5505, 0.1746,
0.1061

■ 44.6075, 0.2535,
0.2360

■ 10.0854, 0.1616,
0.0834

■ 57.3355, 0.2734,
0.2675

■ 8.0052, 0.1536,
0.0684

■ 72.2732, 0.2916,
0.2961

■ 7.2477, 0.1508,
0.0627

■ 89.5186, 0.3079,
0.3215

99.6807, 0.3156,
0.3338

Harmonies

Analogous

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



25.3513, 0.1506, 0.1660



25.3513, 0.2115, 0.1680



25.3513, 0.3139, 0.1982

Triad

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



25.3513, 0.2115, 0.1680



25.3513, 0.5368, 0.3967



25.3513, 0.1846, 0.4144

Complementary

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



25.3513, 0.2115, 0.1680



85.0424, 0.3940, 0.4507

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.



25.3513, 0.2750, 0.5355



25.3513, 0.2115, 0.1680



25.3513, 0.4763, 0.4786

Square

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



25.3513, 0.2115, 0.1680



25.3513, 0.5287, 0.3211



25.3513, 0.3807, 0.5461



25.3513, 0.1351, 0.2787

Rectangle

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



25.3513, 0.2115, 0.1680



25.3513, 0.3980, 0.2323



25.3513, 0.3807, 0.5461



25.3513, 0.2110, 0.4628

Sweetspot

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



25.3521, 0.2115, 0.1680



71.0069, 0.2867, 0.2884



78.4917, 0.2481, 0.3393



14.4970, 0.2830, 0.2826



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.



25.3521, 0.2115, 0.1680



18.9324, 0.1901, 0.1325



28.6759, 0.2517, 0.1752



16.8122, 0.2979, 0.3060



3.9113, 0.1510, 0.0637



0.4198, 0.1535, 0.0726

Inverse Universe

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



34.5097, 0.4604, 0.3212



29.8334, 0.5099, 0.3207



80.8889, 0.3495, 0.4775



17.2423, 0.3285, 0.3276



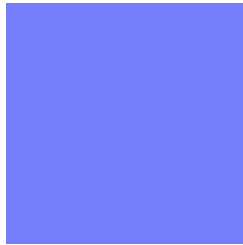
10.8057, 0.6338, 0.3265



1.0066, 0.6190, 0.3184

Previews

White Background



This preview shows how the Yxy color 25.3513, 0.2115, 0.1680 looks on a white background.

Color Contrast Check

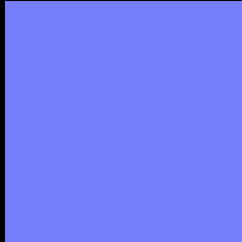
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.3513, 0.2115, 0.1680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

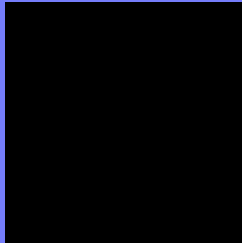
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3513, 0.2115, 0.1680

Background



This preview shows how black text looks on a background with the Yxy color 25.3513, 0.2115, 0.1680.



This preview shows how white text looks on a background with the Yxy color 25.3513, 0.2115, 0.1680.

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

25.3513, 0.2115, 0.1680

Protanopia

25.4509, 0.1916, 0.1667

Deuteranopia

25.6167, 0.1850, 0.1794



Tritanopia

25.3491, 0.2489, 0.3073

Trichromacy



Original Color

25.3513, 0.2115, 0.1680

Protanomaly

25.2308, 0.1977, 0.1667

Deuteranomaly

24.9429, 0.1895, 0.1738

Tritanomaly

24.8124, 0.2324, 0.2435

Monochromacy



Original Color

25.3513, 0.2115, 0.1680

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7352, 0.2672, 0.2579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3513, 0.2115, 0.1680 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(117, 125, 250)` looks like.

```
.text, #text, p{  
    color:rgb(117, 125, 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(117, 125, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 125, 250) }
```

Border

The CSS property to change the border of an element to Yxy 25.3513, 0.2115, 0.1680 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(117, 125, 250) }
```

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

```
.border{ border-color:rgb(117, 125, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 125, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 125, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 125, 250);  
box-shadow:4px 4px 4px 4px rgb(117, 125,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3513, 0.2115, 0.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 125, 250) }
```

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

```
.background{ background-color: rgb(117,  
125, 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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