

Converting Colors

Yxy(57.1732, 0.2763, 0.2662)

Have a look what the booklet for
Yxy(57.1732, 0.2763, 0.2662)
contains.

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Color

Yxy(57.2215, 0.2760, 0.2663)

Conversions

Conversions Part 1

Format	Color
Hex	C4C2FA
RGB	196, 194, 250
RGB Percent	77%, 76%, 98%
CMY	0.2314, 0.2392, 0.0197
CMYK	0.22, 0.22, 0.00, 0.02
HSL	242°, 85%, 87%
HSV	242°, 22%, 98%
XYZ	59.3058, 57.2215, 98.3488
YIQ	200.9820, -16.7840, 17.8400

Conversions

Conversions Part 2

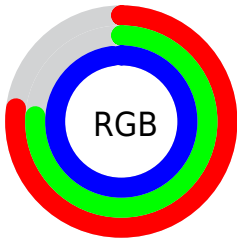
Format	Color
R _Y B	196, 194, 250
Decimal	12894970
CIE _{Lab}	80.30, 12.15, -27.29
CIE _{LCh}	80, 29.873, 294.007
Y _{xy}	57.2215, 0.2760, 0.2663
Android (android.graphics.Color)	4291085050 (0xFFC4C2FA)
YUV	200.9820, 24.1659, -4.3692
Hunter-Lab	75.6449, 7.5659, -24.1337

Details

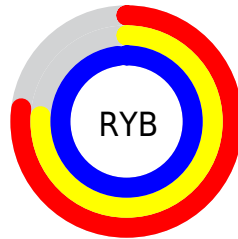
The Yxy color **57.2215, 0.2760, 0.2663** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.2177, 0.3453, 0.3853**, and the grayscale version is **58.2517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4739, 0.3117, 0.3242**, and **28.2691, 0.2664, 0.2511** is the 20% darker color. If you saturate the color by 10%, you get **44.0375, 0.2564, 0.2332**, and if you desaturate by 10%, it is **72.8017, 0.2937, 0.2964**.

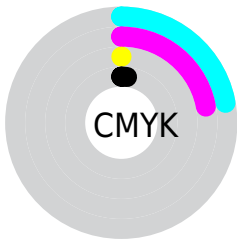
Distribution



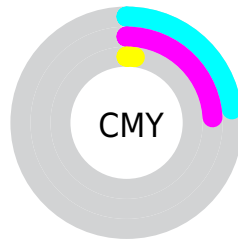
- Red (77%)
- Green (76%)
- Blue (98%)



- Red (77%)
- Yellow (76%)
- Blue (98%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (23%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2215, 0.2760, 0.2663 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 57.2215, 0.2760, 0.2663 by changing the saturation by 10% instead.

■ 57.2215, 0.2760,
0.2663

■ 57.2215, 0.2760,
0.2663

■ 414.2788, 0.2937,
0.2954

■ 41.1831, 0.2718,
0.2597

■ 100.7883, 0.2823,
0.2764

■ 28.4622, 0.2665,
0.2515

■ 129.0855, 0.2847,
0.2803

■ 18.6744, 0.2597,
0.2412

■ 162.2378, 0.2868,
0.2837

■ 11.4352, 0.2507,
0.2278

■ 200.6295, 0.2885,
0.2867

■ 6.3604, 0.2382,
0.2098

■ 244.6451, 0.2901,
0.2893

■ 3.0654, 0.2197,
0.1847

■ 294.6689, 0.2915,

■ 1.1660, 0.1907,

0.2916

0.1478

351.0853, 0.2927,
0.2936

0.0337, 0.1228,
0.0126

0.0000, 0.0000,
0.0000

57.2215, 0.2760,
0.2663

57.2215, 0.2760,
0.2663

44.0375, 0.2564,
0.2332

72.8017, 0.2937,
0.2964

33.1243, 0.2355,
0.1980

90.8813, 0.3093,
0.3231

24.3559, 0.2142,
0.1625

99.6812, 0.3156,
0.3338

17.5909, 0.1939,
0.1289

■ 12.6712, 0.1761,
0.1000

■ 9.4148, 0.1625,
0.0783

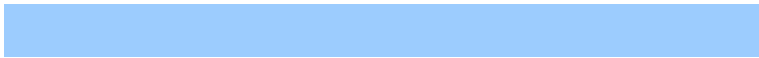
■ 7.6027, 0.1540,
0.0653

■ 6.9579, 0.1507,
0.0604

Harmonies

Analogous

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



57.2215, 0.2502, 0.2693



57.2215, 0.2760, 0.2663



57.2215, 0.3130, 0.2779

Triad

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



57.2215, 0.2760, 0.2663



57.2215, 0.3906, 0.3629



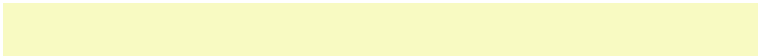
57.2215, 0.2727, 0.3585

Complementary

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



57.2215, 0.2760, 0.2663



92.2177, 0.3453, 0.3853

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.



57.2215, 0.3086, 0.3887



57.2215, 0.2760, 0.2663



57.2215, 0.3775, 0.3884

Square

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



57.2215, 0.2760, 0.2663



57.2215, 0.3813, 0.3314



57.2215, 0.3471, 0.3992



57.2215, 0.2483, 0.3204

Rectangle

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



57.2215, 0.2760, 0.2663



57.2215, 0.3396, 0.2923



57.2215, 0.3471, 0.3992



57.2215, 0.2838, 0.3702

Sweetspot

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



57.2238, 0.2760, 0.2663



86.0139, 0.3023, 0.3112



85.5808, 0.2793, 0.3269



18.1657, 0.3014, 0.3096



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.



57.2238, 0.2760, 0.2663



53.1649, 0.2671, 0.2513



61.3164, 0.2959, 0.2698



16.6721, 0.2984, 0.3045



3.7039, 0.1511, 0.0606



0.3530, 0.1536, 0.0620

Inverse Universe

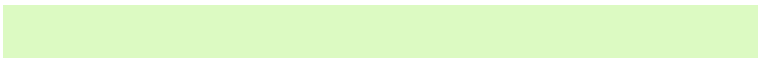
The Inverse Universe completely reimagines the original color for something new.



65.6892, 0.3168, 0.2750



63.5062, 0.3177, 0.2637



87.4944, 0.3265, 0.3888



17.5134, 0.3143, 0.3064



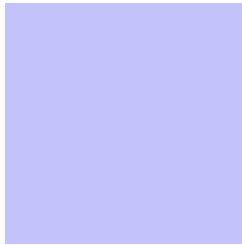
14.1607, 0.3299, 0.1591



1.3147, 0.3287, 0.1585

Previews

White Background



This preview shows how the Yxy color 57.2215, 0.2760, 0.2663 looks on a white background.

Color Contrast Check

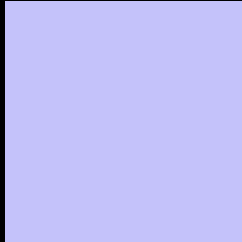
Large Text (above 18pt) WCAG AA × Fail

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 57.2215, 0.2760, 0.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

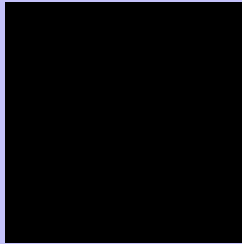
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2215, 0.2760, 0.2663

Background



This preview shows how black text looks on a background with the Yxy color 57.2215, 0.2760, 0.2663.



This preview shows how white text looks on a background with the Yxy color 57.2215, 0.2760, 0.2663.

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

57.2215, 0.2760, 0.2663

Protanopia

57.2751, 0.2677, 0.2665

Deuteranopia

57.1388, 0.2734, 0.2670



Tritanopia

57.2136, 0.2940, 0.3099

Trichromacy



Original Color

57.2215, 0.2760, 0.2663

Protanomaly

57.2637, 0.2708, 0.2668

Deuteranomaly

57.2698, 0.2740, 0.2671

Tritanomaly

57.1961, 0.2874, 0.2939

Monochromacy



Original Color

57.2215, 0.2760, 0.2663

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.6448, 0.2986, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2215, 0.2760, 0.2663 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(196, 194, 250)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 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(196, 194, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 250) }
```

Border

The CSS property to change the border of an element to Yxy 57.2215, 0.2760, 0.2663 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(196, 194, 250) }
```

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

```
.border{ border-color:rgb(196, 194, 250) }
```

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

Here you see how a box with a 4 pixel rgb(196, 194, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 250);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2215, 0.2760, 0.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 250) }
```

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

```
.background{ background-color: rgb(196,  
194, 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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