

Converting Colors

$Yxy(56.3868, 0.2780, 0.2673)$

Have a look what the booklet for
Yxy(56.3868, 0.2780, 0.2673)
contains.

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Color

Yxy(56.2850, 0.2784, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	C5C0F7
RGB	197, 192, 247
RGB Percent	77%, 75%, 97%
CMY	0.2274, 0.2471, 0.0313
CMYK	0.20, 0.22, 0.00, 0.03
HSL	245°, 77%, 86%
HSV	245°, 22%, 97%
XYZ	58.6662, 56.2850, 95.7751
YIQ	199.7650, -14.6750, 18.1650

Conversions

Conversions Part 2

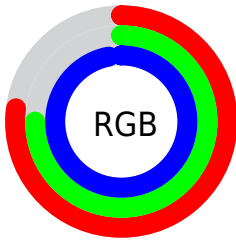
Format	Color
RYB	197, 192, 247
Decimal	12959991
CIELab	79.78, 12.89, -26.50
CIELCh	80, 29.467, 295.939
Yxy	56.2850, 0.2784, 0.2671
Android (android.graphics.Color)	4291150071 (0xFFC5C0F7)
YUV	199.7650, 23.2869, -2.4249
Hunter-Lab	75.0233, 8.2913, -23.1735

Details

The Yxy color **56.2850, 0.2784, 0.2671** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.2116, 0.3429, 0.3853**, and the grayscale version is **57.4698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4256, 0.3124, 0.3223**, and **27.9337, 0.2695, 0.2536** is the 20% darker color. If you saturate the color by 10%, you get **43.5262, 0.2599, 0.2345**, and if you desaturate by 10%, it is **71.3201, 0.2950, 0.2969**.

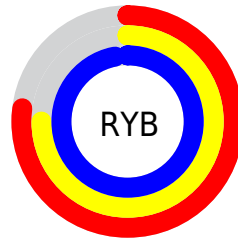
Distribution



Red (77%)

Green (75%)

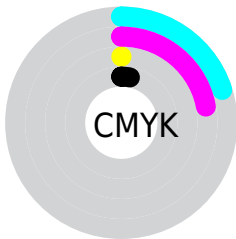
Blue (97%)



Red (77%)

Yellow (75%)

Blue (97%)

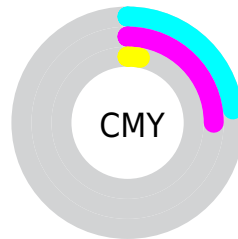


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (25%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2850, 0.2784, 0.2671 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 56.2850, 0.2784, 0.2671 by changing the saturation by 10% instead.

■ 56.2850, 0.2784,
0.2671

■ 56.2850, 0.2784,
0.2671

410.7647, 0.2951,
0.2959

■ 40.4315, 0.2744,
0.2605

■ 99.4212, 0.2843,
0.2771

■ 27.8751, 0.2694,
0.2524

127.4726, 0.2866,
0.2810

■ 18.2315, 0.2630,
0.2421

160.3587, 0.2885,
0.2844

■ 11.1163, 0.2543,
0.2288

198.4641, 0.2902,
0.2873

■ 6.1451, 0.2422,
0.2108

242.1729, 0.2917,
0.2898

■ 2.9335, 0.2243,
0.1855

291.8697, 0.2929,

■ 1.0971, 0.1957,

0.2921

0.1482

347.9388, 0.2941,
0.2941

0.0000, 0.1214,
0.0000

0.0000, 0.0000,
0.0000

56.2850, 0.2784,
0.2671

56.2850, 0.2784,
0.2671

43.5262, 0.2599,
0.2345

71.3201, 0.2950,
0.2969

32.9261, 0.2399,
0.1999

88.7277, 0.3097,
0.3234

24.3671, 0.2193,
0.1649

99.4960, 0.3173,
0.3366

17.7174, 0.1993,
0.1317

■ 12.8298, 0.1813,
0.1029

■ 9.5357, 0.1668,
0.0808

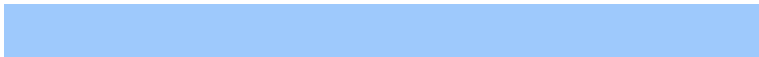
■ 7.6328, 0.1569,
0.0669

■ 6.8921, 0.1523,
0.0613

Harmonies

Analogous

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



56.2850, 0.2519, 0.2691



56.2850, 0.2784, 0.2671



56.2850, 0.3156, 0.2795

Triad

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



56.2850, 0.2784, 0.2671



56.2850, 0.3898, 0.3646



56.2850, 0.2711, 0.3559

Complementary

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



56.2850, 0.2784, 0.2671



89.2116, 0.3429, 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.



56.2850, 0.3062, 0.3868



56.2850, 0.2784, 0.2671



56.2850, 0.3755, 0.3891

Square

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



56.2850, 0.2784, 0.2671



56.2850, 0.3820, 0.3335



56.2850, 0.3445, 0.3986



56.2850, 0.2478, 0.3182

Rectangle

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



56.2850, 0.2784, 0.2671



56.2850, 0.3419, 0.2942



56.2850, 0.3445, 0.3986



56.2850, 0.2818, 0.3677

Sweetspot

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



56.2873, 0.2784, 0.2671



86.1868, 0.3030, 0.3112



81.6810, 0.2792, 0.3239



18.2055, 0.3021, 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.



56.2873, 0.2784, 0.2671



53.6619, 0.2698, 0.2518



60.2776, 0.2980, 0.2705



15.9988, 0.2993, 0.3046



3.6702, 0.1530, 0.0616



0.3466, 0.1597, 0.0653

Inverse Universe

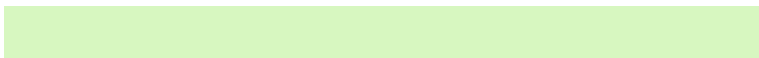
The Inverse Universe completely reimagines the original color for something new.



63.8870, 0.3190, 0.2782



63.2640, 0.3205, 0.2672



84.7689, 0.3246, 0.3888



16.7408, 0.3152, 0.3078



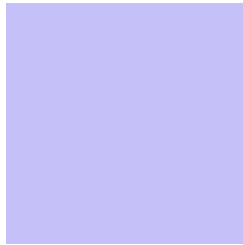
13.3303, 0.3452, 0.1675



1.1791, 0.3418, 0.1657

Previews

White Background



This preview shows how the Yxy color 56.2850, 0.2784, 0.2671 looks on a white background.

Color Contrast Check

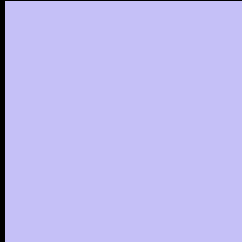
Large Text (above 18pt) WCAG AA × Fail

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 56.2850, 0.2784, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

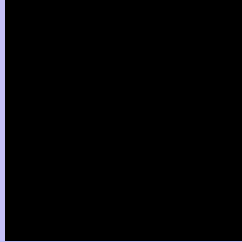
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2850, 0.2784, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 56.2850, 0.2784, 0.2671.



This preview shows how white text looks on a background with the Yxy color 56.2850, 0.2784, 0.2671.

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

56.2850, 0.2784, 0.2671

Protanopia

56.5723, 0.2681, 0.2672

Deuteranopia

56.5054, 0.2751, 0.2688



Tritanopia

56.3196, 0.2960, 0.3098

Trichromacy



Original Color

56.2850, 0.2784, 0.2671

Protanomaly

56.6886, 0.2719, 0.2676

Deuteranomaly

56.3247, 0.2764, 0.2679

Tritanomaly

56.3083, 0.2894, 0.2938

Monochromacy



Original Color

56.2850, 0.2784, 0.2671

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0844, 0.3000, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2850, 0.2784, 0.2671 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(197, 192, 247)` looks like.

```
.text, #text, p{  
    color:rgb(197, 192, 247)  
}
```

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(197, 192, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 192, 247) }
```

Border

The CSS property to change the border of an element to Yxy 56.2850, 0.2784, 0.2671 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(197, 192, 247) }
```

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

```
.border{ border-color:rgb(197, 192, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 192, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 192, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 192, 247);  
box-shadow:4px 4px 4px 4px rgb(197, 192,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2850, 0.2784, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 192, 247) }
```

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

```
.background{ background-color: rgb(197,  
192, 247) }
```

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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