

Converting Colors

$Yxy(56.0709, 0.2823, 0.2717)$

Have a look what the booklet for
Yxy(56.0709, 0.2823, 0.2717)
contains.

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Color

Yxy(56.1158, 0.2823, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	C6C0F2
RGB	198, 192, 242
RGB Percent	78%, 75%, 95%
CMY	0.2234, 0.2471, 0.0509
CMYK	0.18, 0.21, 0.00, 0.05
HSL	247°, 66%, 85%
HSV	247°, 21%, 95%
XYZ	58.1766, 56.1158, 91.7884
YIQ	199.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

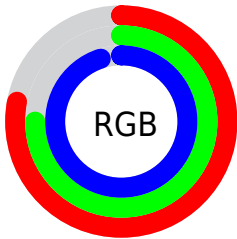
Format	Color
R _Y B	198, 192, 242
Decimal	13025522
CIE Lab	79.68, 12.12, -23.97
CIE LCh	80, 26.856, 296.818
Yxy	56.1158, 0.2823, 0.2723
Android (android.graphics.Color)	4291215602 (0xFFC6C0F2)
YUV	199.4940, 20.9555, -1.3102
Hunter-Lab	74.9105, 7.5325, -20.2112

Details

The Yxy color **56.1158, 0.2823, 0.2723** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1516, 0.3397, 0.3813**, and the grayscale version is **57.3116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **27.9397, 0.2745, 0.2591** is the 20% darker color. If you saturate the color by 10%, you get **43.6588, 0.2646, 0.2403**, and if you desaturate by 10%, it is **70.7309, 0.2981, 0.3014**.

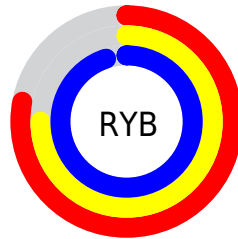
Distribution



Red (78%)

Green (75%)

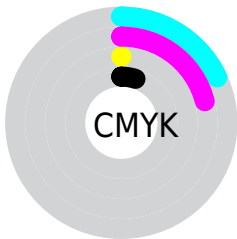
Blue (95%)



Red (78%)

Yellow (75%)

Blue (95%)

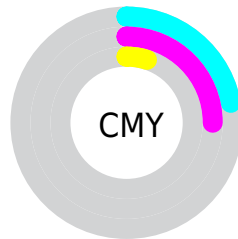


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1158, 0.2823, 0.2723 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 56.1158, 0.2823, 0.2723 by changing the saturation by 10% instead.

■ 56.1158, 0.2823,
0.2723

■ 56.1158, 0.2823,
0.2723

410.1278, 0.2971,
0.2988

■ 40.2958, 0.2787,
0.2662

■ 99.1739, 0.2876,
0.2815

■ 27.7692, 0.2743,
0.2587

127.1807, 0.2896,
0.2851

■ 18.1518, 0.2685,
0.2491

160.0186, 0.2913,
0.2882

■ 11.0590, 0.2607,
0.2366

198.0719, 0.2928,
0.2909

■ 6.1065, 0.2497,
0.2196

241.7251, 0.2941,
0.2932

■ 2.9100, 0.2333,
0.1955

291.3626, 0.2952,

■ 1.0849, 0.2065,

0.2953

0.1591

347.3686, 0.2962,
0.2972

0.0000, 0.1267,
0.0000

0.0000, 0.0000,
0.0000

56.1158, 0.2823,
0.2723

56.1158, 0.2823,
0.2723

43.6588, 0.2646,
0.2403

70.7309, 0.2981,
0.3014

33.2508, 0.2454,
0.2063

87.5927, 0.3119,
0.3274

24.7837, 0.2253,
0.1716

99.1923, 0.3203,
0.3415

18.1365, 0.2054,
0.1383

■ 13.1747, 0.1870,
0.1087

■ 9.7446, 0.1716,
0.0853

■ 7.6646, 0.1602,
0.0698

■ 6.6779, 0.1537,
0.0620

Harmonies

Analogous

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



56.1158, 0.2575, 0.2739



56.1158, 0.2823, 0.2723



56.1158, 0.3165, 0.2840

Triad

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



56.1158, 0.2823, 0.2723



56.1158, 0.3829, 0.3627



56.1158, 0.2739, 0.3526

Complementary

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



56.1158, 0.2823, 0.2723



85.1516, 0.3397, 0.3813

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.



56.1158, 0.3059, 0.3808



56.1158, 0.2823, 0.2723



56.1158, 0.3695, 0.3846

Square

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



56.1158, 0.2823, 0.2723



56.1158, 0.3763, 0.3342



56.1158, 0.3410, 0.3923



56.1158, 0.2529, 0.3184

Rectangle

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



56.1158, 0.2823, 0.2723



56.1158, 0.3404, 0.2978



56.1158, 0.3410, 0.3923



56.1158, 0.2837, 0.3633

Sweetspot

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



56.1181, 0.2823, 0.2723



88.1618, 0.3047, 0.3139



77.7160, 0.2814, 0.3225



18.6066, 0.3038, 0.3122



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.



56.1181, 0.2823, 0.2723



56.7285, 0.2748, 0.2586



59.7694, 0.3005, 0.2752



15.3204, 0.2998, 0.3047



3.6171, 0.1545, 0.0625



0.3303, 0.1633, 0.0673

Inverse Universe

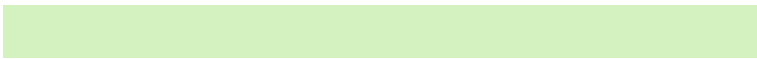
The Inverse Universe completely reimagines the original color for something new.



62.6297, 0.3196, 0.2835



65.3636, 0.3213, 0.2736



81.1982, 0.3227, 0.3842



15.9965, 0.3156, 0.3085



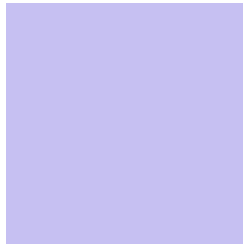
12.7274, 0.3540, 0.1724



1.0680, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 56.1158, 0.2823, 0.2723 looks on a white background.

Color Contrast Check

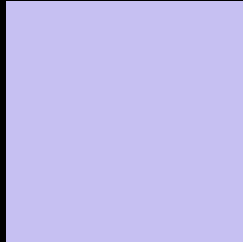
Large Text (above 18pt) WCAG AA × Fail

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 56.1158, 0.2823, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

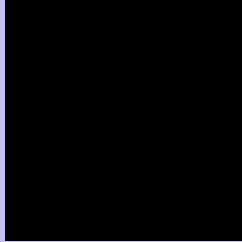
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1158, 0.2823, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 56.1158, 0.2823, 0.2723.



This preview shows how white text looks on a background with the Yxy color 56.1158, 0.2823, 0.2723.

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

56.1158, 0.2823, 0.2723

Protanopia

56.0010, 0.2729, 0.2725

Deuteranopia

56.0201, 0.2795, 0.2731



Tritanopia

56.0741, 0.2982, 0.3098

Trichromacy



Original Color

56.1158, 0.2823, 0.2723

Protanomaly

56.0018, 0.2762, 0.2728

Deuteranomaly

56.1528, 0.2802, 0.2732

Tritanomaly

56.0141, 0.2921, 0.2950

Monochromacy



Original Color

56.1158, 0.2823, 0.2723

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9809, 0.3014, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1158, 0.2823, 0.2723 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(198, 192, 242)` looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 242)  
}
```

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(198, 192, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 242) }
```

Border

The CSS property to change the border of an element to Yxy 56.1158, 0.2823, 0.2723 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(198, 192, 242) }
```

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

```
.border{ border-color:rgb(198, 192, 242) }
```

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

Here you see how a box with a 4 pixel rgb(198, 192, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 192, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 192, 242);  
box-shadow:4px 4px 4px 4px rgb(198, 192,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1158, 0.2823, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 242) }
```

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

```
.background{ background-color: rgb(198,  
192, 242) }
```

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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