

Converting Colors

$Yxy(57.0028, 0.2716, 0.2603)$

Have a look what the booklet for
Yxy(57.0028, 0.2716, 0.2603)
contains.

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Color

Yxy(56.8293, 0.2715, 0.2599)

Conversions

Conversions Part 1

Format	Color
Hex	C2C1FF
RGB	194, 193, 255
RGB Percent	76%, 76%, 100%
CMY	0.2393, 0.2431, 0.0000
CMYK	0.24, 0.24, 0.00, 0.00
HSL	241°, 100%, 88%
HSV	241°, 24%, 100%
XYZ	59.3657, 56.8293, 102.4633
YIQ	200.3670, -19.3060, 19.4940

Conversions

Conversions Part 2

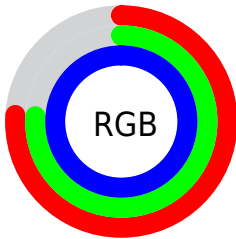
Format	Color
RYB	194, 193, 255
Decimal	12763647
CIELab	80.08, 13.25, -30.33
CIELCh	80, 33.096, 293.597
Yxy	56.8293, 0.2715, 0.2599
Android (android.graphics.Color)	4290953727 (0xFFC2C1FF)
YUV	200.3670, 26.9341, -5.5839
Hunter-Lab	75.3852, 8.6444, -27.8171

Details

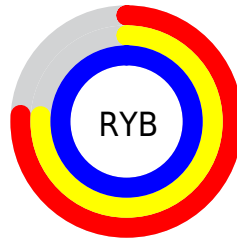
The Yxy color **56.8293, 0.2715, 0.2599** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.4473, 0.3489, 0.3901**, and the grayscale version is **57.8350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4806, 0.3105, 0.3232**, and **28.3224, 0.2609, 0.2445** is the 20% darker color. If you saturate the color by 10%, you get **43.4657, 0.2513, 0.2261**, and if you desaturate by 10%, it is **72.6996, 0.2900, 0.2908**.

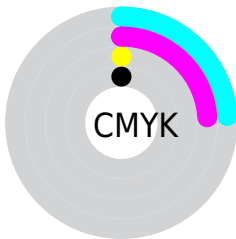
Distribution



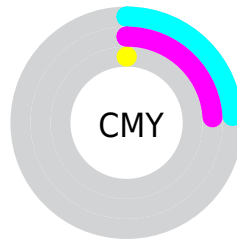
- Red (76%)
- Green (76%)
- Blue (100%)



- Red (76%)
- Yellow (76%)
- Blue (100%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8293, 0.2715, 0.2599 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 56.8293, 0.2715, 0.2599 by changing the saturation by 10% instead.


 56.8293, 0.2715,
0.2599

 56.8293, 0.2715,
0.2599


412.8094, 0.2914,
0.2919

 40.8682, 0.2668,
0.2527


 100.2161, 0.2785,
0.2710

 28.2161, 0.2609,
0.2438


128.4105, 0.2812,
0.2753

 18.4886, 0.2534,
0.2326


161.4516, 0.2836,
0.2790

 11.3014, 0.2434,
0.2182

199.7236, 0.2855,
0.2822

 6.2699, 0.2295,
0.1990

243.6110, 0.2873,
0.2851

 3.0099, 0.2095,
0.1725

293.4982, 0.2888,

 1.1369, 0.1785,

0.2876

0.1344

349.7695, 0.2902,
0.2899

0.0092, 0.1105,
0.0031

0.0000, 0.0000,
0.0000

56.8293, 0.2715,
0.2599

56.8293, 0.2715,
0.2599

43.4657, 0.2513,
0.2261

72.6996, 0.2900,
0.2908

32.4778, 0.2299,
0.1905

91.1922, 0.3063,
0.3182

23.7274, 0.2084,
0.1549

100.0000, 0.3127,
0.3290

17.0609, 0.1884,
0.1219

■ 12.3053, 0.1716,
0.0943

■ 9.2598, 0.1593,
0.0744

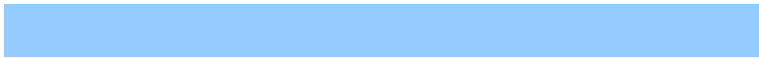
■ 7.6791, 0.1523,
0.0633

■ 7.2457, 0.1503,
0.0602

Harmonies

Analogous

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



56.8293, 0.2435, 0.2632



56.8293, 0.2715, 0.2599



56.8293, 0.3123, 0.2725

Triad

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



56.8293, 0.2715, 0.2599



56.8293, 0.3992, 0.3655



56.8293, 0.2688, 0.3624

Complementary

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



56.8293, 0.2715, 0.2599



96.4473, 0.3489, 0.3901

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.



56.8293, 0.3085, 0.3962



56.8293, 0.2715, 0.2599



56.8293, 0.3848, 0.3942

Square

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



56.8293, 0.2715, 0.2599



56.8293, 0.3887, 0.3308



56.8293, 0.3511, 0.4072



56.8293, 0.2419, 0.3197

Rectangle

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



56.8293, 0.2715, 0.2599



56.8293, 0.3419, 0.2882



56.8293, 0.3511, 0.4072



56.8293, 0.2810, 0.3755

Sweetspot

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



56.8303, 0.2715, 0.2599



85.9538, 0.3021, 0.3112



90.0786, 0.2768, 0.3289



18.1518, 0.3012, 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.



56.8303, 0.2715, 0.2599



50.2583, 0.2622, 0.2444



61.2119, 0.2926, 0.2639



17.3913, 0.2981, 0.3044



3.7919, 0.1505, 0.0603



0.3738, 0.1516, 0.0609

Inverse Universe

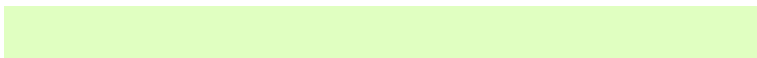
The Inverse Universe completely reimagines the original color for something new.



66.5616, 0.3163, 0.2692



61.4738, 0.3170, 0.2576



91.2187, 0.3290, 0.3942



18.2952, 0.3141, 0.3060



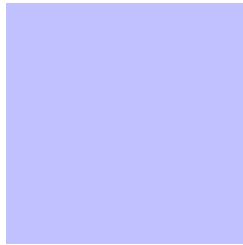
14.7509, 0.3249, 0.1563



1.4378, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 56.8293, 0.2715, 0.2599 looks on a white background.

Color Contrast Check

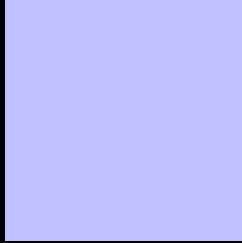
Large Text (above 18pt) WCAG AA × Fail

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 56.8293, 0.2715, 0.2599 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 56.8293, 0.2715, 0.2599

Background



This preview shows how black text looks on a background with the Yxy color 56.8293, 0.2715, 0.2599.

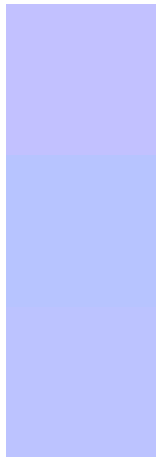


This preview shows how white text looks on a background with the Yxy color 56.8293, 0.2715, 0.2599.

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

56.8293, 0.2715, 0.2599

Protanopia

56.7671, 0.2646, 0.2620

Deuteranopia

56.9416, 0.2677, 0.2615



Tritanopia

56.7055, 0.2911, 0.3097

Trichromacy



Original Color

56.8293, 0.2715, 0.2599

Protanomaly

56.8150, 0.2671, 0.2614

Deuteranomaly

56.7507, 0.2689, 0.2606

Tritanomaly

56.4645, 0.2839, 0.2902

Monochromacy



Original Color

56.8293, 0.2715, 0.2599

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1056, 0.2971, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8293, 0.2715, 0.2599 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(194, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 255)  
}
```

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(194, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.8293, 0.2715, 0.2599 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(194, 193, 255) }
```

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

```
.border{ border-color:rgb(194, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8293, 0.2715, 0.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 255) }
```

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

```
.background{ background-color: rgb(194,  
193, 255) }
```

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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