

Converting Colors

$Yxy(58.7220, 0.2889, 0.2806)$

Have a look what the booklet for
Yxy(58.7220, 0.2889, 0.2806)
contains.

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Color

Yxy(58.6910, 0.2895, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	CDC4EF
RGB	205, 196, 239
RGB Percent	80%, 77%, 94%
CMY	0.1959, 0.2314, 0.0627
CMYK	0.14, 0.18, 0.00, 0.06
HSL	253°, 57%, 85%
HSV	253°, 18%, 94%
XYZ	60.5094, 58.6910, 89.8131
YIQ	203.5930, -8.4390, 15.2810

Conversions

Conversions Part 2

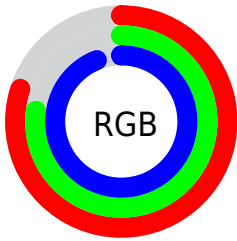
Format	Color
R _{YB}	205, 196, 239
Decimal	13485295
CIE Lab	81.12, 11.50, -20.12
CIE LCh	81, 23.172, 299.759
Yxy	58.6910, 0.2895, 0.2808
Android (android.graphics.Color)	4291675375 (0xFFC4DC4EF)
YUV	203.5930, 17.4557, 1.2339
Hunter-Lab	76.6101, 6.9182, -15.8811

Details

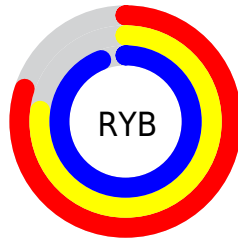
The Yxy color **58.6910, 0.2895, 0.2808** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5425, 0.3335, 0.3747**, and the grayscale version is **60.0112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.2489, 0.2829, 0.2687** is the 20% darker color. If you saturate the color by 10%, you get **46.2331, 0.2741, 0.2502**, and if you desaturate by 10%, it is **73.1948, 0.3031, 0.3087**.

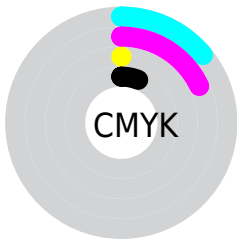
Distribution



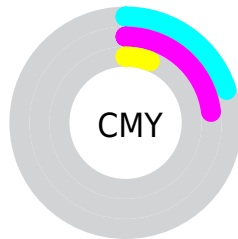
- Red (80%)
- Green (77%)
- Blue (94%)



- Red (80%)
- Yellow (77%)
- Blue (94%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6910, 0.2895, 0.2808 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 58.6910, 0.2895, 0.2808 by changing the saturation by 10% instead.

■ 58.6910, 0.2895,
0.2808

■ 58.6910, 0.2895,
0.2808

■ 419.7558, 0.3008,
0.3033

■ 42.3644, 0.2868,
0.2756

■ 102.9284, 0.2935,
0.2886

■ 29.3868, 0.2834,
0.2692

■ 131.6081, 0.2950,
0.2917

■ 19.3736, 0.2790,
0.2611

■ 165.1742, 0.2964,
0.2943

■ 11.9405, 0.2731,
0.2505

■ 204.0112, 0.2975,
0.2966

■ 6.7032, 0.2647,
0.2361

■ 248.5035, 0.2985,
0.2985

■ 3.2772, 0.2521,
0.2154

■ 299.0354, 0.2993,

■ 1.2781, 0.2313,

0.3003

0.1837

355.9914, 0.3001,
0.3019

0.1242, 0.1823,
0.0568

0.0000, 0.0000,
0.0000

58.6910, 0.2895,
0.2808

58.6910, 0.2895,
0.2808

46.2331, 0.2741,
0.2502

73.1948, 0.3031,
0.3087

35.7211, 0.2569,
0.2175

89.8239, 0.3149,
0.3338

27.0578, 0.2386,
0.1838

99.0130, 0.3220,
0.3444

20.1343, 0.2197,
0.1509

■ 14.8301, 0.2013,
0.1208

■ 11.0092, 0.1848,
0.0958

■ 8.5125, 0.1712,
0.0777

■ 7.1247, 0.1613,
0.0669

■ 6.9206, 0.1597,
0.0653

Harmonies

Analogous

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



58.6910, 0.2671, 0.2812



58.6910, 0.2895, 0.2808



58.6910, 0.3191, 0.2919

Triad

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



58.6910, 0.2895, 0.2808



58.6910, 0.3719, 0.3603



58.6910, 0.2774, 0.3462

Complementary

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



58.6910, 0.2895, 0.2808



82.5425, 0.3335, 0.3747

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.



58.6910, 0.3042, 0.3708



58.6910, 0.2895, 0.2808



58.6910, 0.3592, 0.3777

Square

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



58.6910, 0.2895, 0.2808



58.6910, 0.3680, 0.3363



58.6910, 0.3342, 0.3823



58.6910, 0.2604, 0.3176

Rectangle

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



58.6910, 0.2895, 0.2808



58.6910, 0.3392, 0.3044



58.6910, 0.3342, 0.3823



58.6910, 0.2855, 0.3554

Sweetspot

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



58.6934, 0.2895, 0.2808



90.2743, 0.3068, 0.3165



74.7896, 0.2851, 0.3194



19.0407, 0.3060, 0.3147



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.



58.6934, 0.2895, 0.2808



61.8289, 0.2834, 0.2686



61.8927, 0.3050, 0.2830



15.3892, 0.3012, 0.3048



3.8693, 0.1608, 0.0659



0.3634, 0.1728, 0.0726

Inverse Universe

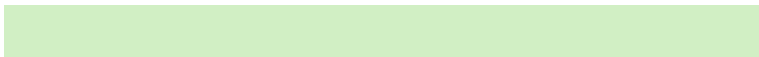
The Inverse Universe completely reimagines the original color for something new.



63.5375, 0.3214, 0.2934



68.5426, 0.3237, 0.2851



79.2680, 0.3190, 0.3768



15.9710, 0.3170, 0.3106



12.1825, 0.3826, 0.1881



1.0276, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 58.6910, 0.2895, 0.2808 looks on a white background.

Color Contrast Check

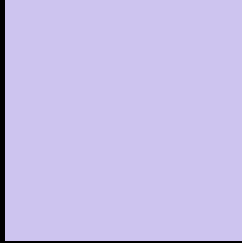
Large Text (above 18pt) WCAG AA × Fail

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 58.6910, 0.2895, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

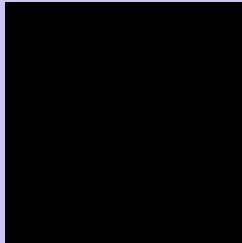
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6910, 0.2895, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 58.6910, 0.2895, 0.2808.

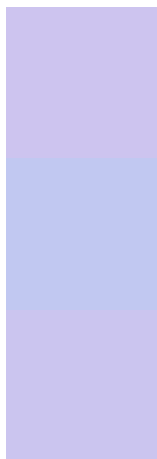


This preview shows how white text looks on a background with the Yxy color 58.6910, 0.2895, 0.2808.

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

58.6910, 0.2895, 0.2808

Protanopia

58.9969, 0.2800, 0.2822

Deuteranopia

58.8610, 0.2881, 0.2818



Tritanopia

58.6839, 0.3021, 0.3103

Trichromacy



Original Color

58.6910, 0.2895, 0.2808

Protanomaly

59.0084, 0.2833, 0.2825

Deuteranomaly

59.0019, 0.2888, 0.2819

Tritanomaly

58.7852, 0.2974, 0.3002

Monochromacy



Original Color

58.6910, 0.2895, 0.2808

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6204, 0.3037, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6910, 0.2895, 0.2808 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(205, 196, 239)` looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 239)  
}
```

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(205, 196, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 239) }
```

Border

The CSS property to change the border of an element to Yxy 58.6910, 0.2895, 0.2808 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(205, 196, 239) }
```

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

```
.border{ border-color:rgb(205, 196, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 196, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 239);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6910, 0.2895, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 239) }
```

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

```
.background{ background-color: rgb(205,  
196, 239) }
```

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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