

Converting Colors

Yxy(58.9482, 0.2795, 0.2667)

Have a look what the booklet for
Yxy(58.9482, 0.2795, 0.2667)
contains.

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Color

Yxy(58.7550, 0.2797, 0.2663)

Conversions

Conversions Part 1

Format	Color
Hex	CBC3FC
RGB	203, 195, 252
RGB Percent	80%, 76%, 99%
CMY	0.2039, 0.2353, 0.0118
CMYK	0.19, 0.23, 0.00, 0.01
HSL	248°, 90%, 88%
HSV	248°, 23%, 99%
XYZ	61.7115, 58.7550, 100.1681
YIQ	203.8900, -13.5290, 19.4230

Conversions

Conversions Part 2

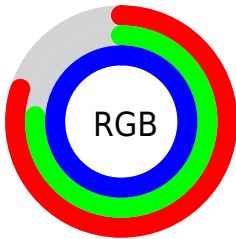
Format	Color
R _Y B	203, 195, 252
Decimal	13353980
CIE Lab	81.16, 14.18, -27.00
CIE LCh	81, 30.500, 297.703
Yxy	58.7550, 0.2797, 0.2663
Android (android.graphics.Color)	4291544060 (0xFFCBC3FC)
YUV	203.8900, 23.7182, -0.7805
Hunter-Lab	76.6518, 9.5677, -23.8235

Details

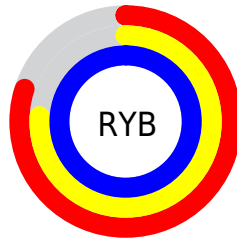
The Yxy color $58.7550, 0.2797, 0.2663$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $92.7815, 0.3416, 0.3866$, and the grayscale version is $60.1654, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $29.2858, 0.2712, 0.2514$ is the 20% darker color. If you saturate the color by 10%, you get $45.5698, 0.2620, 0.2339$, and if you desaturate by 10%, it is $74.2753, 0.2955, 0.2960$.

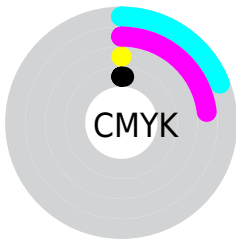
Distribution



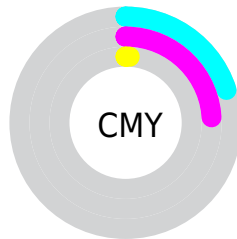
- Red (80%)
- Green (76%)
- Blue (99%)



- Red (80%)
- Yellow (76%)
- Blue (99%)



- Cyan (19%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7550, 0.2797, 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 58.7550, 0.2797, 0.2663 by changing the saturation by 10% instead.

■ 58.7550, 0.2797,
0.2663

■ 58.7550, 0.2797,
0.2663

■ 419.9934, 0.2957,
0.2952

■ 42.4159, 0.2759,
0.2598

■ 103.0215, 0.2854,
0.2763

■ 29.4271, 0.2712,
0.2517

■ 131.7177, 0.2875,
0.2802

■ 19.4042, 0.2651,
0.2416

■ 165.3018, 0.2894,
0.2836

■ 11.9627, 0.2569,
0.2285

■ 204.1580, 0.2910,
0.2865

■ 6.7183, 0.2456,
0.2111

■ 248.6710, 0.2924,
0.2891

■ 3.2865, 0.2290,
0.1868

■ 299.2249, 0.2936,

■ 1.2831, 0.2027,

0.2914

0.1513

356.2042, 0.2947,
0.2934

0.1281, 0.1528,
0.0418

0.0000, 0.0000,
0.0000

58.7550, 0.2797,
0.2663

58.7550, 0.2797,
0.2663

45.5698, 0.2620,
0.2339

74.2753, 0.2955,
0.2960

34.5993, 0.2429,
0.1998

92.2289, 0.3094,
0.3226

25.7235, 0.2229,
0.1653

99.8072, 0.3145,
0.3319

18.8076, 0.2033,
0.1326

■ 13.7014, 0.1854,
0.1042

■ 10.2323, 0.1705,
0.0823

■ 8.1932, 0.1598,
0.0683

■ 7.3906, 0.1546,
0.0625

Harmonies

Analogous

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



58.7550, 0.2519, 0.2674



58.7550, 0.2797, 0.2663



58.7550, 0.3180, 0.2797

Triad

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



58.7550, 0.2797, 0.2663



58.7550, 0.3911, 0.3669



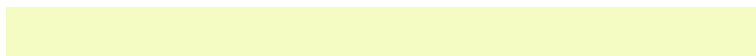
58.7550, 0.2684, 0.3542

Complementary

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



58.7550, 0.2797, 0.2663



92.7815, 0.3416, 0.3866

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.



58.7550, 0.3037, 0.3866



58.7550, 0.2797, 0.2663



58.7550, 0.3753, 0.3914

Square

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



58.7550, 0.2797, 0.2663



58.7550, 0.3845, 0.3354



58.7550, 0.3429, 0.4000



58.7550, 0.2457, 0.3157

Rectangle

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



58.7550, 0.2797, 0.2663



58.7550, 0.3447, 0.2951



58.7550, 0.3429, 0.4000



58.7550, 0.2791, 0.3665

Sweetspot

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



58.7574, 0.2797, 0.2663



86.3400, 0.3035, 0.3113



83.5640, 0.2785, 0.3208



18.2409, 0.3027, 0.3097



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.



58.7574, 0.2797, 0.2663



54.1111, 0.2721, 0.2523



63.0650, 0.2998, 0.2699



16.7598, 0.3001, 0.3046



3.8870, 0.1555, 0.0630



0.3945, 0.1642, 0.0678

Inverse Universe

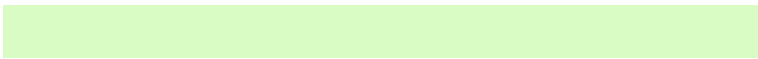
The Inverse Universe completely reimagines the original color for something new.



66.2569, 0.3211, 0.2800



63.0545, 0.3231, 0.2703



88.1337, 0.3229, 0.3902



17.4802, 0.3160, 0.3089



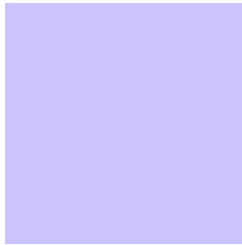
13.3973, 0.3599, 0.1756



1.2520, 0.3545, 0.1727

Previews

White Background



This preview shows how the Yxy color 58.7550, 0.2797, 0.2663 looks on a white background.

Color Contrast Check

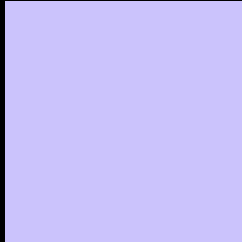
Large Text (above 18pt) WCAG AA × Fail

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 58.7550, 0.2797, 0.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

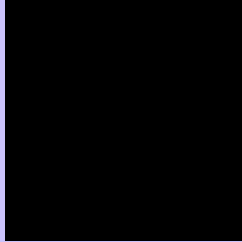
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7550, 0.2797, 0.2663

Background



This preview shows how black text looks on a background with the Yxy color 58.7550, 0.2797, 0.2663.

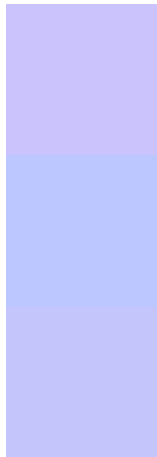


This preview shows how white text looks on a background with the Yxy color 58.7550, 0.2797, 0.2663.

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

58.7550, 0.2797, 0.2663

Protanopia

58.7582, 0.2682, 0.2661

Deuteranopia

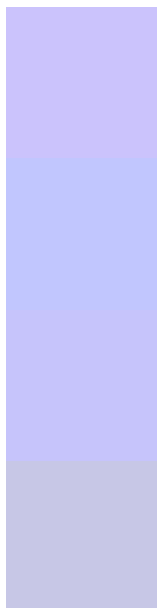
58.4996, 0.2750, 0.2686



Tritanopia

58.6534, 0.2985, 0.3102

Trichromacy



Original Color

58.7550, 0.2797, 0.2663

Protanomaly

58.8814, 0.2719, 0.2665

Deuteranomaly

58.4507, 0.2769, 0.2678

Tritanomaly

58.7021, 0.2912, 0.2934

Monochromacy



Original Color

58.7550, 0.2797, 0.2663

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8311, 0.3009, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7550, 0.2797, 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(203, 195, 252)` looks like.

```
.text, #text, p{  
    color:rgb(203, 195, 252)  
}
```

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(203, 195, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 195, 252) }
```

Border

The CSS property to change the border of an element to Yxy 58.7550, 0.2797, 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(203, 195, 252) }
```

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

```
.border{ border-color:rgb(203, 195, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 195, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 195, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 195, 252);  
box-shadow:4px 4px 4px 4px rgb(203, 195,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7550, 0.2797, 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(203, 195, 252) }
```

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

```
.background{ background-color: rgb(203,  
195, 252) }
```

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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