

Converting Colors

$Yxy(58.6063, 0.2705, 0.2707)$

Have a look what the booklet for
Yxy(58.6063, 0.2705, 0.2707)
contains.

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Color

Yxy(58.5032, 0.2705, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	BCC7FB
RGB	188, 199, 251
RGB Percent	74%, 78%, 98%
CMY	0.2628, 0.2196, 0.0158
CMYK	0.25, 0.21, 0.00, 0.02
HSL	229°, 89%, 86%
HSV	229°, 25%, 98%
XYZ	58.5682, 58.5032, 99.4468
YIQ	201.6390, -23.2480, 13.8400

Conversions

Conversions Part 2

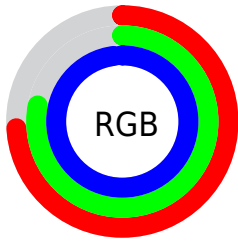
Format	Color
RYB	188, 197, 251
Decimal	12371963
CIELab	81.02, 7.30, -26.77
CIELCh	81, 27.752, 285.248
Yxy	58.5032, 0.2705, 0.2702
Android (android.graphics.Color)	4290562043 (0xFFBCC7FB)
YUV	201.6390, 24.3350, -11.9614
Hunter-Lab	76.4874, 2.8286, -23.5460

Details

The Yxy color **58.5032, 0.2705, 0.2702** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.4215, 0.3532, 0.3816**, and the grayscale version is **58.6822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **29.2142, 0.2604, 0.2562** is the 20% darker color. If you saturate the color by 10%, you get **46.7020, 0.2513, 0.2421**, and if you desaturate by 10%, it is **72.1594, 0.2885, 0.2957**.

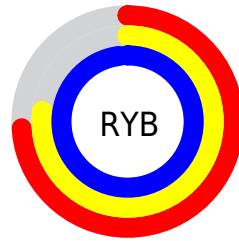
Distribution



Red (74%)

Green (78%)

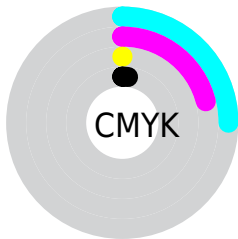
Blue (98%)



Red (74%)

Yellow (77%)

Blue (98%)

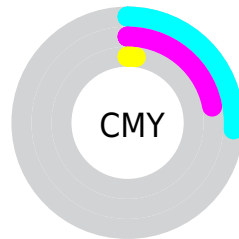


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5032, 0.2705, 0.2702 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 58.5032, 0.2705, 0.2702 by changing the saturation by 10% instead.

■ 58.5032, 0.2705,
0.2702

■ 58.5032, 0.2705,
0.2702

■ 419.0584, 0.2907,
0.2976

■ 42.2133, 0.2658,
0.2639

■ 102.6553, 0.2776,
0.2797

■ 29.2684, 0.2599,
0.2562

■ 131.2863, 0.2803,
0.2834

■ 19.2839, 0.2524,
0.2464

■ 164.7997, 0.2827,
0.2866

■ 11.8756, 0.2424,
0.2336

■ 203.5801, 0.2847,
0.2894

■ 6.6590, 0.2288,
0.2164

■ 248.0118, 0.2865,
0.2918

■ 3.2498, 0.2090,
0.1923

■ 298.4791, 0.2880,

■ 1.2635, 0.1784,

0.2940

0.1564

355.3665, 0.2894,
0.2959

0.1127, 0.1018,
0.0402

0.0000, 0.0000,
0.0000

58.5032, 0.2705,
0.2702

58.5032, 0.2705,
0.2702

46.7020, 0.2513,
0.2421

72.1594, 0.2885,
0.2957

36.6682, 0.2314,
0.2121

87.7392, 0.3049,
0.3185

28.3172, 0.2117,
0.1811

99.7432, 0.3150,
0.3328

21.5550, 0.1932,
0.1506

■ 16.2775, 0.1772,
0.1224

■ 12.3679, 0.1647,
0.0985

■ 9.6901, 0.1565,
0.0803

■ 8.7597, 0.1538,
0.0736

Harmonies

Analogous

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



58.5032, 0.2505, 0.2774



58.5032, 0.2705, 0.2702



58.5032, 0.3025, 0.2772

Triad

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



58.5032, 0.2705, 0.2702



58.5032, 0.3841, 0.3524



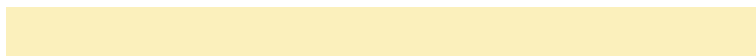
58.5032, 0.2848, 0.3656

Complementary

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



58.5032, 0.2705, 0.2702



86.4215, 0.3532, 0.3816

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.



58.5032, 0.3197, 0.3887



58.5032, 0.2705, 0.2702



58.5032, 0.3780, 0.3782

Square

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



58.5032, 0.2705, 0.2702



58.5032, 0.3697, 0.3229



58.5032, 0.3540, 0.3927



58.5032, 0.2583, 0.3315

Rectangle

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



58.5032, 0.2705, 0.2702



58.5032, 0.3270, 0.2886



58.5032, 0.3540, 0.3927



58.5032, 0.2959, 0.3751

Sweetspot

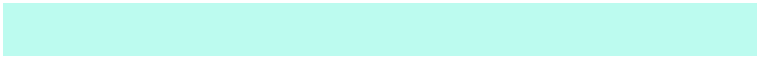
The Sweet Spot groups the original color and five complimentary colors.



58.5055, 0.2705, 0.2702



86.0630, 0.3003, 0.3121



85.9226, 0.2816, 0.3415



17.8917, 0.2979, 0.3088



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.



58.5055, 0.2705, 0.2702



54.3962, 0.2612, 0.2567



56.3239, 0.2834, 0.2601



17.1341, 0.2979, 0.3088



4.7507, 0.1544, 0.0756



0.5719, 0.1597, 0.0947

Inverse Universe

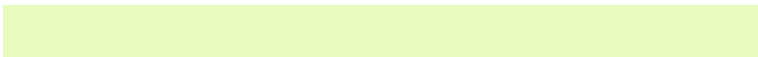
The Inverse Universe completely reimagines the original color for something new.



60.5886, 0.3567, 0.3175



57.1011, 0.3685, 0.3152



89.5994, 0.3372, 0.3948



17.2748, 0.3266, 0.3249



10.8905, 0.6140, 0.3156



1.0220, 0.5839, 0.2990

Previews

White Background



This preview shows how the Yxy color 58.5032, 0.2705, 0.2702 looks on a white background.

Color Contrast Check

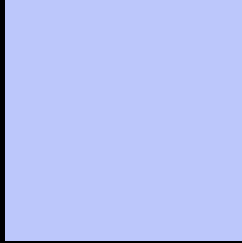
Large Text (above 18pt) WCAG AA × Fail

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 58.5032, 0.2705, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

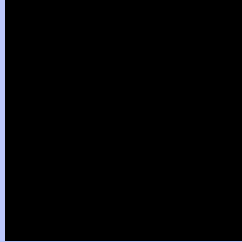
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5032, 0.2705, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 58.5032, 0.2705, 0.2702.



This preview shows how white text looks on a background with the Yxy color 58.5032, 0.2705, 0.2702.

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

58.5032, 0.2705, 0.2702

Protanopia

58.5032, 0.2705, 0.2702

Deuteranopia

58.4996, 0.2750, 0.2686



Tritanopia

58.3513, 0.2852, 0.3086

Trichromacy



Original Color

58.5032, 0.2705, 0.2702

Protanomaly

58.5032, 0.2705, 0.2702

Deuteranomaly

58.5597, 0.2730, 0.2694

Tritanomaly

58.2576, 0.2795, 0.2937

Monochromacy



Original Color

58.5032, 0.2705, 0.2702

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8109, 0.2964, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5032, 0.2705, 0.2702 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(188, 199, 251)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 251)  
}
```

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(188, 199, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 251) }
```

Border

The CSS property to change the border of an element to Yxy 58.5032, 0.2705, 0.2702 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(188, 199, 251) }
```

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

```
.border{ border-color:rgb(188, 199, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 199, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 251);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5032, 0.2705, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 251) }
```

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

```
.background{ background-color: rgb(188,  
199, 251) }
```

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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