

Converting Colors

Yxy(58.2626, 0.2739, 0.2782)

Have a look what the booklet for
Yxy(58.2626, 0.2739, 0.2782)
contains.

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Color

Yxy(58.4050, 0.2741, 0.2785)

Conversions

Conversions Part 1

Format	Color
Hex	BBC8F4
RGB	187, 200, 244
RGB Percent	73%, 78%, 96%
CMY	0.2665, 0.2157, 0.0432
CMYK	0.23, 0.18, 0.00, 0.04
HSL	226°, 72%, 85%
HSV	226°, 23%, 96%
XYZ	57.4823, 58.4050, 93.8255
YIQ	201.1290, -21.8720, 10.9280

Conversions

Conversions Part 2

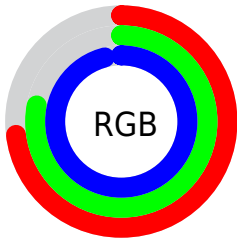
Format	Color
RYB	187, 198, 244
Decimal	12306676
CIELab	80.96, 4.89, -23.14
CIElCh	81, 23.652, 281.924
Yxy	58.4050, 0.2741, 0.2785
Android (android.graphics.Color)	4290496756 (0xFFBBC8F4)
YUV	201.1290, 21.1354, -12.3911
Hunter-Lab	76.4232, 0.5196, -19.2947

Details

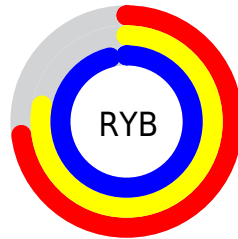
The Yxy color **58.4050, 0.2741, 0.2785** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.9929, 0.3508, 0.3749**, and the grayscale version is **58.3739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **29.1752, 0.2642, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **47.3874, 0.2555, 0.2527**, and if you desaturate by 10%, it is **71.0264, 0.2916, 0.3018**.

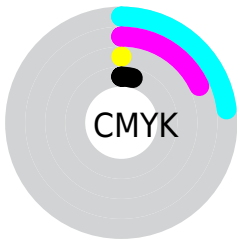
Distribution



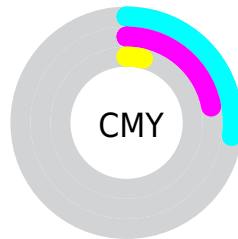
- Red (73%)
- Green (78%)
- Blue (96%)



- Red (73%)
- Yellow (78%)
- Blue (96%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4050, 0.2741, 0.2785 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 58.4050, 0.2741, 0.2785 by changing the saturation by 10% instead.

■ 58.4050, 0.2741,
0.2785

■ 58.4050, 0.2741,
0.2785

418.6934, 0.2925,
0.3023

■ 42.1343, 0.2698,
0.2730

■ 102.5124, 0.2806,
0.2868

■ 29.2065, 0.2644,
0.2662

131.1179, 0.2831,
0.2900

■ 19.2371, 0.2574,
0.2575

164.6038, 0.2852,
0.2928

■ 11.8417, 0.2482,
0.2462

203.3546, 0.2871,
0.2952

■ 6.6360, 0.2355,
0.2306

247.7545, 0.2887,
0.2973

■ 3.2355, 0.2169,
0.2084

298.1880, 0.2901,

■ 1.2559, 0.1876,

0.2991

0.1744

355.0395, 0.2914,
0.3008

0.1067, 0.0966,
0.0467

0.0000, 0.0000,
0.0000

58.4050, 0.2741,
0.2785

58.4050, 0.2741,
0.2785

47.3874, 0.2555,
0.2527

71.0264, 0.2916,
0.3018

37.9012, 0.2363,
0.2249

85.3060, 0.3077,
0.3226

29.8786, 0.2171,
0.1958

99.3113, 0.3191,
0.3396

23.2439, 0.1989,
0.1665

■ 17.9141, 0.1828,
0.1385

■ 13.7967, 0.1697,
0.1135

■ 10.7849, 0.1604,
0.0929

■ 9.3126, 0.1561,
0.0821

Harmonies

Analogous

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



58.4050, 0.2582, 0.2864



58.4050, 0.2741, 0.2785



58.4050, 0.3007, 0.2831

Triad

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



58.4050, 0.2741, 0.2785



58.4050, 0.3730, 0.3467



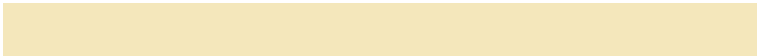
58.4050, 0.2921, 0.3627

Complementary

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



58.4050, 0.2741, 0.2785



79.9929, 0.3508, 0.3749

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.



58.4050, 0.3223, 0.3807



58.4050, 0.2741, 0.2785



58.4050, 0.3699, 0.3694

Square

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



58.4050, 0.2741, 0.2785



58.4050, 0.3589, 0.3212



58.4050, 0.3510, 0.3826



58.4050, 0.2681, 0.3346

Rectangle

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



58.4050, 0.2741, 0.2785



58.4050, 0.3215, 0.2923



58.4050, 0.3510, 0.3826



58.4050, 0.3018, 0.3703

Sweetspot

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



58.4074, 0.2741, 0.2785



88.2860, 0.3019, 0.3153



81.0198, 0.2852, 0.3437



18.6900, 0.3010, 0.3140



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.



58.4074, 0.2741, 0.2785



58.5976, 0.2654, 0.2666



54.6758, 0.2838, 0.2651



16.5383, 0.2979, 0.3102



5.2326, 0.1568, 0.0844



0.6089, 0.1630, 0.1069

Inverse Universe

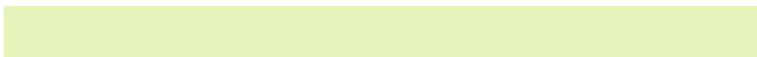
The Inverse Universe completely reimagines the original color for something new.



58.9584, 0.3502, 0.3152



59.5379, 0.3603, 0.3123



84.9129, 0.3374, 0.3894



16.5443, 0.3258, 0.3236



10.6276, 0.5999, 0.3079



0.9491, 0.5656, 0.2889

Previews

White Background



This preview shows how the Yxy color 58.4050, 0.2741, 0.2785 looks on a white background.

Color Contrast Check

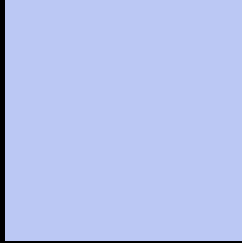
Large Text (above 18pt) WCAG AA × Fail

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 58.4050, 0.2741, 0.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

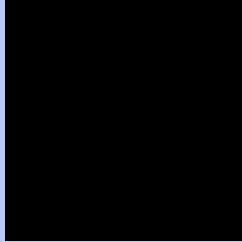
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4050, 0.2741, 0.2785

Background



This preview shows how black text looks on a background with the Yxy color 58.4050, 0.2741, 0.2785.



This preview shows how white text looks on a background with the Yxy color 58.4050, 0.2741, 0.2785.

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

58.4050, 0.2741, 0.2785

Protanopia

58.3943, 0.2773, 0.2788

Deuteranopia

58.0782, 0.2806, 0.2739



Tritanopia

58.2981, 0.2858, 0.3097

Trichromacy



Original Color

58.4050, 0.2741, 0.2785

Protanomaly

58.2651, 0.2766, 0.2787

Deuteranomaly

57.9944, 0.2779, 0.2746

Tritanomaly

58.5594, 0.2815, 0.2982

Monochromacy



Original Color

58.4050, 0.2741, 0.2785

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5188, 0.2977, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4050, 0.2741, 0.2785 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(187, 200, 244)` looks like.

```
.text, #text, p{  
    color:rgb(187, 200, 244)  
}
```

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(187, 200, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 200, 244) }
```

Border

The CSS property to change the border of an element to Yxy 58.4050, 0.2741, 0.2785 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(187, 200, 244) }
```

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

```
.border{ border-color:rgb(187, 200, 244) }
```

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

Here you see how a box with a 4 pixel rgb(187, 200, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 200, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 200, 244);  
box-shadow:4px 4px 4px 4px rgb(187, 200,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4050, 0.2741, 0.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 200, 244) }
```

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

```
.background{ background-color: rgb(187,  
200, 244) }
```

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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