

Converting Colors

$Yxy(58.4137, 0.2738, 0.2761)$

Have a look what the booklet for
Yxy(58.4137, 0.2738, 0.2761)
contains.

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Color

Yxy(58.1920, 0.2734, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	BCC7F6
RGB	188, 199, 246
RGB Percent	74%, 78%, 96%
CMY	0.2629, 0.2195, 0.0352
CMYK	0.24, 0.19, 0.00, 0.04
HSL	229°, 76%, 85%
HSV	229°, 24%, 96%
XYZ	57.7904, 58.1920, 95.3943
YIQ	201.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

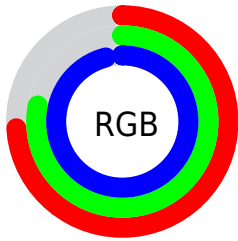
Format	Color
RYB	188, 197, 246
Decimal	12371958
CIELab	80.85, 6.15, -24.40
CIElCh	81, 25.163, 284.146
Yxy	58.1920, 0.2734, 0.2753
Android (android.graphics.Color)	4290562038 (0xFFBCC7F6)
YUV	201.0690, 22.1510, -11.4615
Hunter-Lab	76.2837, 1.7302, -20.7448

Details

The Yxy color **58.1920, 0.2734, 0.2753** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6201, 0.3508, 0.3775**, and the grayscale version is **58.3212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **29.0368, 0.2634, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **46.7591, 0.2545, 0.2482**, and if you desaturate by 10%, it is **71.3615, 0.2911, 0.2999**.

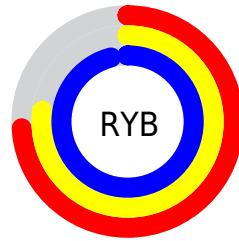
Distribution



Red (74%)

Green (78%)

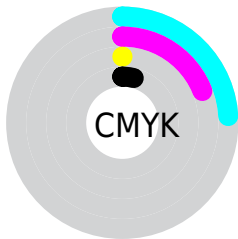
Blue (96%)



Red (74%)

Yellow (77%)

Blue (96%)

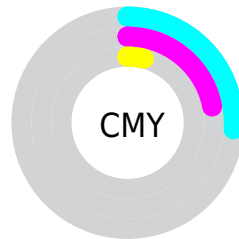


Cyan (24%)

Magenta (19%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1920, 0.2734, 0.2753 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 58.1920, 0.2734, 0.2753 by changing the saturation by 10% instead.

■ 58.1920, 0.2734,
0.2753

■ 58.1920, 0.2734,
0.2753

417.9010, 0.2922,
0.3005

■ 41.9630, 0.2690,
0.2695

■ 102.2024, 0.2800,
0.2841

■ 29.0723, 0.2635,
0.2623

130.7526, 0.2826,
0.2875

■ 19.1356, 0.2564,
0.2532

164.1787, 0.2848,
0.2904

■ 11.7683, 0.2470,
0.2412

202.8651, 0.2866,
0.2930

■ 6.5861, 0.2340,
0.2250

247.1961, 0.2883,
0.2952

■ 3.2046, 0.2151,
0.2019

297.5561, 0.2898,

■ 1.2395, 0.1854,

0.2972

0.1670

354.3296, 0.2910,
0.2989

0.0936, 0.0992,
0.0388

0.0000, 0.0000,
0.0000

58.1920, 0.2734,
0.2753

58.1920, 0.2734,
0.2753

46.7591, 0.2545,
0.2482

71.3615, 0.2911,
0.2999

36.9824, 0.2349,
0.2189

86.3293, 0.3073,
0.3218

28.7859, 0.2153,
0.1885

99.4354, 0.3179,
0.3376

22.0843, 0.1967,
0.1582

■ 16.7843, 0.1803,
0.1298

■ 12.7812, 0.1672,
0.1050

■ 9.9541, 0.1582,
0.0854

■ 8.6783, 0.1544,
0.0759

Harmonies

Analogous

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



58.1920, 0.2555, 0.2826



58.1920, 0.2734, 0.2753



58.1920, 0.3023, 0.2811

Triad

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



58.1920, 0.2734, 0.2753



58.1920, 0.3774, 0.3497



58.1920, 0.2885, 0.3631

Complementary

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



58.1920, 0.2734, 0.2753



82.6201, 0.3508, 0.3775

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.



58.1920, 0.3204, 0.3834



58.1920, 0.2734, 0.2753



58.1920, 0.3726, 0.3733

Square

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



58.1920, 0.2734, 0.2753



58.1920, 0.3636, 0.3226



58.1920, 0.3514, 0.3866



58.1920, 0.2638, 0.3326

Rectangle

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



58.1920, 0.2734, 0.2753



58.1920, 0.3245, 0.2914



58.1920, 0.3514, 0.3866



58.1920, 0.2987, 0.3715

Sweetspot

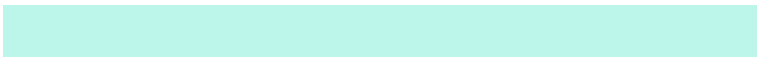
The Sweet Spot groups the original color and five complimentary colors.



58.1943, 0.2734, 0.2753



87.8954, 0.3019, 0.3146



82.5760, 0.2839, 0.3417



18.5998, 0.3010, 0.3133



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.



58.1943, 0.2734, 0.2753



57.3860, 0.2651, 0.2635



55.6330, 0.2848, 0.2645



16.4376, 0.2979, 0.3092



4.7812, 0.1550, 0.0781



0.5555, 0.1609, 0.0991

Inverse Universe

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



59.6670, 0.3526, 0.3173



59.4156, 0.3626, 0.3150



86.1483, 0.3364, 0.3905



16.5341, 0.3264, 0.3245



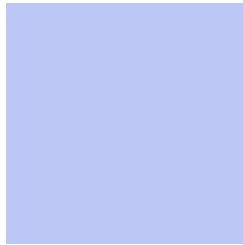
10.5820, 0.6100, 0.3134



0.9437, 0.5773, 0.2954

Previews

White Background



This preview shows how the Yxy color 58.1920, 0.2734, 0.2753 looks on a white background.

Color Contrast Check

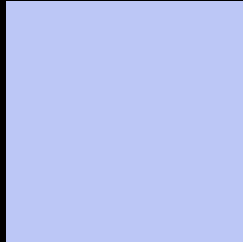
Large Text (above 18pt) WCAG AA × Fail

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 58.1920, 0.2734, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

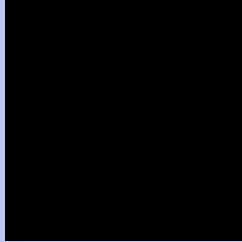
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1920, 0.2734, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 58.1920, 0.2734, 0.2753.



This preview shows how white text looks on a background with the Yxy color 58.1920, 0.2734, 0.2753.

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

58.1920, 0.2734, 0.2753

Protanopia

58.4478, 0.2748, 0.2755

Deuteranopia

58.0656, 0.2787, 0.2717



Tritanopia

58.4203, 0.2865, 0.3098

Trichromacy



Original Color

58.1920, 0.2734, 0.2753

Protanomaly

58.3195, 0.2741, 0.2754

Deuteranomaly

58.1172, 0.2767, 0.2726

Tritanomaly

58.2125, 0.2821, 0.2971

Monochromacy



Original Color

58.1920, 0.2734, 0.2753

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0541, 0.2977, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1920, 0.2734, 0.2753 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 246) }
```

Border

The CSS property to change the border of an element to Yxy 58.1920, 0.2734, 0.2753 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, 246) }
```

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

```
.border{ border-color:rgb(188, 199, 246) }
```

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, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 246);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1920, 0.2734, 0.2753 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, 246) }
```

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

```
.background{ background-color: rgb(188,  
199, 246) }
```

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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