

Converting Colors

$Yxy(58.5222, 0.2664, 0.2764)$

Have a look what the booklet for
Yxy(58.5222, 0.2664, 0.2764)
contains.

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Color

Yxy(58.4833, 0.2661, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	B2CAF8
RGB	178, 202, 248
RGB Percent	70%, 79%, 97%
CMY	0.3020, 0.2078, 0.0274
CMYK	0.28, 0.19, 0.00, 0.03
HSL	219°, 83%, 84%
HSV	219°, 28%, 97%
XYZ	56.4264, 58.4833, 97.1400
YIQ	200.0680, -29.0700, 9.2180

Conversions

Conversions Part 2

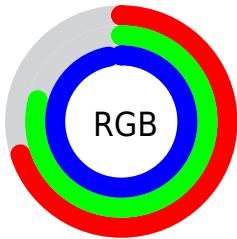
Format	Color
R _Y B	178, 196, 248
Decimal	11717368
CIE Lab	81.01, 2.10, -25.28
CIE LCh	81, 25.368, 274.737
Yxy	58.4833, 0.2661, 0.2758
Android (android.graphics.Color)	4289907448 (0xFFB2CAF8)
YUV	200.0680, 23.6305, -19.3536
Hunter-Lab	76.4744, -2.1244, -21.7798

Details

The Yxy color **58.4833, 0.2661, 0.2758** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.4996, 0.3618, 0.3770**, and the grayscale version is **57.6699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **29.2265, 0.2551, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **48.5619, 0.2482, 0.2531**, and if you desaturate by 10%, it is **69.7478, 0.2835, 0.2966**.

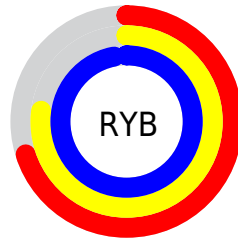
Distribution



Red (70%)

Green (79%)

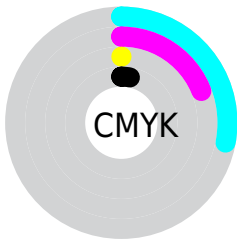
Blue (97%)



Red (70%)

Yellow (77%)

Blue (97%)

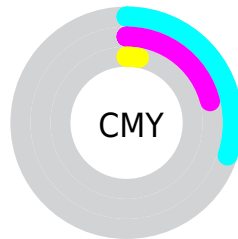


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (21%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4833, 0.2661, 0.2758 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 58.4833, 0.2661, 0.2758 by changing the saturation by 10% instead.

■ 58.4833, 0.2661,
0.2758

■ 58.4833, 0.2661,
0.2758

418.9844, 0.2882,
0.3009

■ 42.1973, 0.2609,
0.2700

■ 102.6263, 0.2739,
0.2846

■ 29.2558, 0.2545,
0.2628

131.2521, 0.2769,
0.2880

■ 19.2744, 0.2463,
0.2536

164.7600, 0.2794,
0.2909

■ 11.8687, 0.2356,
0.2416

203.5344, 0.2817,
0.2934

■ 6.6544, 0.2208,
0.2253

247.9596, 0.2836,
0.2956

■ 3.2469, 0.1996,
0.2019

298.4201, 0.2853,

■ 1.2620, 0.1671,

0.2976

0.1666

355.3002, 0.2869,
0.2993

0.1115, 0.0632,
0.0449

0.0000, 0.0000,
0.0000

58.4833, 0.2661,
0.2758

58.4833, 0.2661,
0.2758

48.5619, 0.2482,
0.2531

69.7478, 0.2835,
0.2966

39.9231, 0.2302,
0.2288

82.3988, 0.3000,
0.3152

32.5118, 0.2128,
0.2034

96.4862, 0.3154,
0.3318

26.2653, 0.1968,
0.1778

99.5588, 0.3167,
0.3357

■ 21.1148, 0.1830,
0.1531

■ 16.9821, 0.1721,
0.1303

■ 13.7686, 0.1643,
0.1105

■ 13.2772, 0.1631,
0.1072

Harmonies

Analogous

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



58.4833, 0.2525, 0.2874



58.4833, 0.2661, 0.2758



58.4833, 0.2923, 0.2777

Triad

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



58.4833, 0.2661, 0.2758



58.4833, 0.3754, 0.3413



58.4833, 0.2979, 0.3713

Complementary

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



58.4833, 0.2661, 0.2758



76.4996, 0.3618, 0.3770

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.



58.4833, 0.3308, 0.3868



58.4833, 0.2661, 0.2758



58.4833, 0.3765, 0.3669

Square

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



58.4833, 0.2661, 0.2758



58.4833, 0.3562, 0.3143



58.4833, 0.3598, 0.3843



58.4833, 0.2701, 0.3426

Rectangle

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



58.4833, 0.2661, 0.2758



58.4833, 0.3140, 0.2858



58.4833, 0.3598, 0.3843



58.4833, 0.3088, 0.3783

Sweetspot

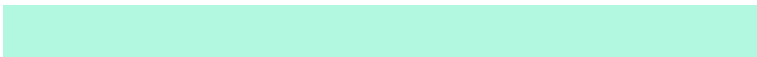
The Sweet Spot groups the original color and five complimentary colors.



58.4856, 0.2661, 0.2758



88.0758, 0.3003, 0.3156



81.9704, 0.2842, 0.3566



18.3955, 0.2979, 0.3129



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.



58.4856, 0.2661, 0.2758



55.9732, 0.2557, 0.2628



49.3758, 0.2705, 0.2486



17.6156, 0.2979, 0.3130



7.4046, 0.1639, 0.1101



0.8745, 0.1705, 0.1337

Inverse Universe

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



56.0666, 0.3537, 0.3037



53.4541, 0.3654, 0.2982



88.4583, 0.3482, 0.4015



17.3234, 0.3240, 0.3209



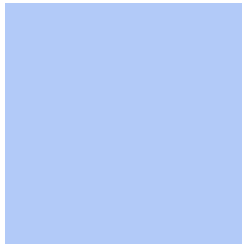
11.1584, 0.5609, 0.2863



1.0525, 0.5277, 0.2680

Previews

White Background



This preview shows how the Yxy color 58.4833, 0.2661, 0.2758 looks on a white background.

Color Contrast Check

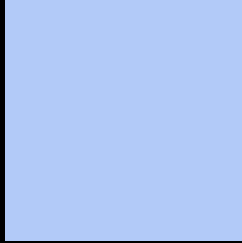
Large Text (above 18pt) WCAG AA × Fail

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 58.4833, 0.2661, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

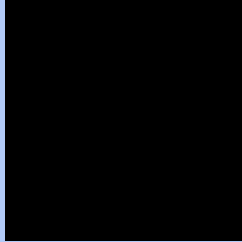
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

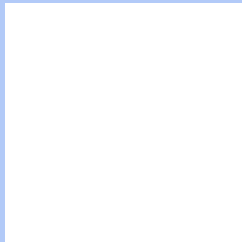
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4833, 0.2661, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 58.4833, 0.2661, 0.2758.



This preview shows how white text looks on a background with the Yxy color 58.4833, 0.2661, 0.2758.

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

58.4833, 0.2661, 0.2758

Protanopia

58.4478, 0.2748, 0.2755

Deuteranopia

58.5078, 0.2769, 0.2707



Tritanopia

58.3546, 0.2780, 0.3083

Trichromacy



Original Color

58.4833, 0.2661, 0.2758

Protanomaly

58.4631, 0.2716, 0.2753

Deuteranomaly

58.5052, 0.2723, 0.2723

Tritanomaly

58.6028, 0.2738, 0.2967

Monochromacy



Original Color

58.4833, 0.2661, 0.2758

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9895, 0.2948, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4833, 0.2661, 0.2758 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(178, 202, 248)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 248)  
}
```

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(178, 202, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 248) }
```

Border

The CSS property to change the border of an element to Yxy 58.4833, 0.2661, 0.2758 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(178, 202, 248) }
```

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

```
.border{ border-color:rgb(178, 202, 248) }
```

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

Here you see how a box with a 4 pixel rgb(178, 202, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 248);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4833, 0.2661, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 248) }
```

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

```
.background{ background-color: rgb(178,  
202, 248) }
```

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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