

Converting Colors

$Yxy(58.3145, 0.2953, 0.3289)$

Have a look what the booklet for
Yxy(58.3145, 0.2953, 0.3289)
contains.

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Color

Yxy(58.5439, 0.2950, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B6CECE
RGB	182, 206, 206
RGB Percent	71%, 81%, 81%
CMY	0.2862, 0.1922, 0.1920
CMYK	0.12, 0.00, 0.00, 0.19
HSL	180°, 20%, 76%
HSV	180°, 12%, 81%
XYZ	52.5097, 58.5439, 66.9455
YIQ	198.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

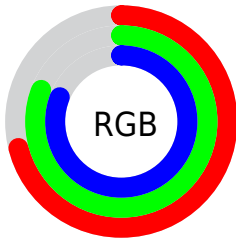
Format	Color
R _Y B	182, 194, 206
Decimal	11980494
CIE Lab	81.04, -8.01, -2.76
CIE LCh	81, 8.467, 198.989
Yxy	58.5439, 0.2950, 0.3289
Android (android.graphics.Color)	4290170574 (0xFFB6CECE)
YUV	198.8240, 3.5378, -14.7546
Hunter-Lab	76.5140, -11.3992, 1.6844

Details

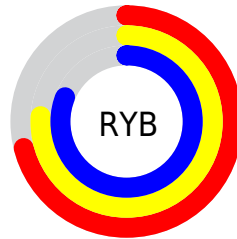
The Yxy color **58.5439, 0.2950, 0.3289** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9845, 0.3335, 0.3291**, and the grayscale version is **56.9889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **29.3906, 0.2904, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **56.2039, 0.2808, 0.3288**, and if you desaturate by 10%, it is **61.2579, 0.3101, 0.3290**.

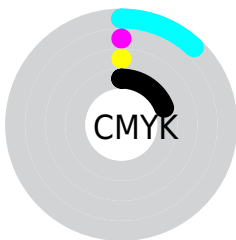
Distribution



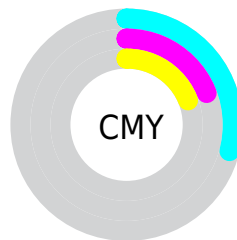
- Red (71%)
- Green (81%)
- Blue (81%)



- Red (71%)
- Yellow (76%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)




- Cyan (29%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5439, 0.2950, 0.3289 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 58.5439, 0.2950, 0.3289 by changing the saturation by 10% instead.


 58.5439, 0.2950,
0.3289

 58.5439, 0.2950,
0.3289


419.2096, 0.3035,
0.3290

 42.2461, 0.2930,
0.3289


 102.7145, 0.2980,
0.3290

 29.2940, 0.2905,
0.3288


131.3560, 0.2992,
0.3290

 19.3034, 0.2872,
0.3287


164.8809, 0.3001,
0.3290

 11.8897, 0.2828,
0.3286

203.6736, 0.3010,
0.3290

 6.6686, 0.2765,
0.3283

248.1184, 0.3017,
0.3290

 3.2557, 0.2670,
0.3278

298.5997, 0.3024,

 1.2667, 0.2508,

0.3290

0.3267

355.5020, 0.3030,
0.3290

0.1152, 0.0000,
0.2659

0.0000, 0.0000,
0.0000

58.5439, 0.2950,
0.3289

58.5439, 0.2950,
0.3289

56.2039, 0.2808,
0.3288

61.2579, 0.3101,
0.3290

54.2145, 0.2677,
0.3287


64.3535, 0.3259,
0.3291

52.5609, 0.2562,
0.3287

67.8476, 0.3420,
0.3291


51.2244, 0.2463,
0.3286

69.9200, 0.3507,
0.3292


 50.1846, 0.2383,
0.3285

 69.9354, 0.3507,
0.3292

 49.4184, 0.2322,
0.3284


 69.9507, 0.3507,
0.3293


 48.8997, 0.2280,
0.3284

 69.9661, 0.3507,
0.3293

 48.5972, 0.2256,
0.3283

 69.9814, 0.3507,
0.3293

 48.4634, 0.2245,
0.3283

 69.9968, 0.3507,
0.3294

Harmonies

Analogous

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



58.5439, 0.3031, 0.3387



58.5439, 0.2950, 0.3289



58.5439, 0.2916, 0.3193

Triad

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



58.5439, 0.2950, 0.3289



58.5439, 0.3113, 0.3129



58.5439, 0.3320, 0.3453

Complementary

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



58.5439, 0.2950, 0.3289



49.9845, 0.3335, 0.3291

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.



58.5439, 0.3343, 0.3381



58.5439, 0.2950, 0.3289



58.5439, 0.3222, 0.3196

Square

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



58.5439, 0.2950, 0.3289



58.5439, 0.3009, 0.3104



58.5439, 0.3307, 0.3287



58.5439, 0.3245, 0.3482

Rectangle

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



58.5439, 0.2950, 0.3289



58.5439, 0.2924, 0.3144



58.5439, 0.3307, 0.3287



58.5439, 0.3334, 0.3433

Sweetspot

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



58.5463, 0.2950, 0.3289



98.5703, 0.3080, 0.3290



57.4846, 0.3113, 0.3592



21.0184, 0.3068, 0.3290



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.



58.5463, 0.2950, 0.3289



93.8115, 0.2913, 0.3289



53.0012, 0.2947, 0.3141



12.7240, 0.2984, 0.3289



29.8328, 0.2245, 0.3283



1.5400, 0.2246, 0.3284

Inverse Universe

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



51.0471, 0.3141, 0.3006



79.2962, 0.3144, 0.2944



55.1005, 0.3317, 0.3435



11.4035, 0.3138, 0.3062



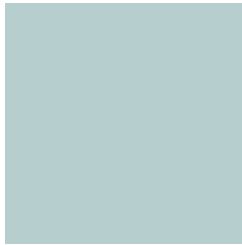
10.8146, 0.3213, 0.1544



0.5580, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 58.5439, 0.2950, 0.3289 looks on a white background.

Color Contrast Check

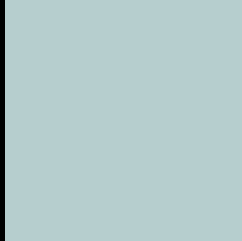
Large Text (above 18pt) WCAG AA × Fail

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 58.5439, 0.2950, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

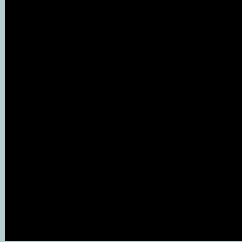
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

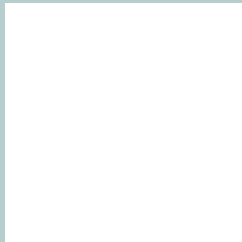
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5439, 0.2950, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 58.5439, 0.2950, 0.3289.

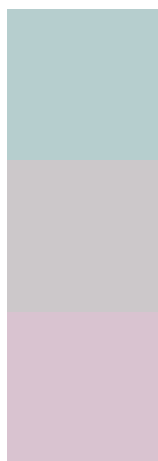


This preview shows how white text looks on a background with the Yxy color 58.5439, 0.2950, 0.3289.

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

58.5439, 0.2950, 0.3289

Protanopia

58.4102, 0.3144, 0.3267

Deuteranopia

58.3360, 0.3206, 0.3142



Tritanopia

58.6673, 0.2879, 0.3098

Trichromacy



Original Color

58.5439, 0.2950, 0.3289

Protanomaly

58.2886, 0.3074, 0.3278

Deuteranomaly

58.1892, 0.3108, 0.3196

Tritanomaly

58.7593, 0.2905, 0.3169

Monochromacy



Original Color

58.5439, 0.2950, 0.3289

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8428, 0.3058, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5439, 0.2950, 0.3289 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(182, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 206)  
}
```

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(182, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.5439, 0.2950, 0.3289 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(182, 206, 206) }
```

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

```
.border{ border-color:rgb(182, 206, 206) }
```

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

Here you see how a box with a 4 pixel rgb(182, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 206,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5439, 0.2950, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 206) }
```

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

```
.background{ background-color: rgb(182,  
206, 206) }
```

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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