

Converting Colors

$Yxy(57.8765, 0.3289, 0.3292)$

Have a look what the booklet for
Yxy(57.8765, 0.3289, 0.3292)
contains.

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Color

Yxy(58.0643, 0.3288, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D8C4C4
RGB	216, 196, 196
RGB Percent	85%, 77%, 77%
CMY	0.1529, 0.2314, 0.2312
CMYK	0.00, 0.09, 0.09, 0.15
HSL	360°, 20%, 81%
HSV	360°, 9%, 85%
XYZ	58.0290, 58.0643, 60.3939
YIQ	201.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

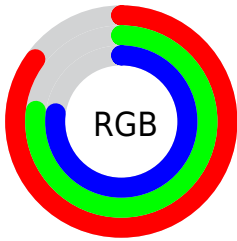
Format	Color
R _Y B	216, 196, 196
Decimal	14206148
CIE Lab	80.77, 7.04, 2.53
CIE LCh	81, 7.477, 19.746
Yxy	58.0643, 0.3288, 0.3290
Android (android.graphics.Color)	4292396228 (0xFFD8C4C4)
YUV	201.9800, -2.9481, 12.2955
Hunter-Lab	76.1999, 2.5843, 6.3484

Details

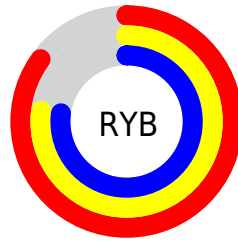
The Yxy color **58.0643, 0.3288, 0.3290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8119, 0.2985, 0.3290**, and the grayscale version is **59.0663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6024, 0.3140, 0.3290**, and **28.8761, 0.3334, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **48.1009, 0.3504, 0.3290**, and if you desaturate by 10%, it is **69.5769, 0.3116, 0.3290**.

Distribution



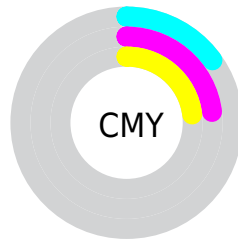
- Red (85%)
- Green (77%)
- Blue (77%)



- Red (85%)
- Yellow (77%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (15%)




- Cyan (15%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0643, 0.3288, 0.3290 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 58.0643, 0.3288, 0.3290 by changing the saturation by 10% instead.


 58.0643, 0.3288,
0.3290

 58.0643, 0.3288,
0.3290

417.4255, 0.3210,
0.3291

 41.8603, 0.3307,
0.3290

 102.0165, 0.3260,
0.3290

 28.9920, 0.3330,
0.3289


130.5335, 0.3250,
0.3290

 19.0747, 0.3361,
0.3289


163.9237, 0.3241,
0.3290

 11.7243, 0.3402,
0.3288

202.5714, 0.3233,
0.3290

 6.5562, 0.3462,
0.3286

246.8610, 0.3226,
0.3290

 3.1862, 0.3554,
0.3282

297.1770, 0.3220,

 1.2297, 0.3716,

0.3291

353.9037, 0.3215,
0.3291

0.3273

0.0857, 0.7471,
0.2529

0.0000, 0.0000,
0.0000

58.0643, 0.3288,
0.3290

58.0643, 0.3288,
0.3290

48.1009, 0.3504,
0.3290

69.5769, 0.3116,
0.3290

39.6134, 0.3773,
0.3290

82.6926, 0.2978,
0.3290

32.5339, 0.4105,
0.3291

93.3414, 0.2894,
0.3289

26.7864, 0.4505,
0.3292

■ 22.2875, 0.4962,
0.3293

■ 18.9446, 0.5442,
0.3294

■ 16.6522, 0.5884,
0.3296

■ 15.2856, 0.6212,
0.3298

■ 14.6401, 0.6388,
0.3299

Harmonies

Analogous

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



58.0643, 0.3214, 0.3208



58.0643, 0.3288, 0.3290



58.0643, 0.3319, 0.3373

Triad

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



58.0643, 0.3288, 0.3290



58.0643, 0.3135, 0.3438



58.0643, 0.2960, 0.3144

Complementary

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



58.0643, 0.3288, 0.3290



65.8119, 0.2985, 0.3290

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.



58.0643, 0.2940, 0.3203



58.0643, 0.3288, 0.3290



58.0643, 0.3040, 0.3374

Square

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



58.0643, 0.3288, 0.3290



58.0643, 0.3229, 0.3460



58.0643, 0.2969, 0.3287



58.0643, 0.3024, 0.3125

Rectangle

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



58.0643, 0.3288, 0.3290



58.0643, 0.3310, 0.3418



58.0643, 0.2969, 0.3287



58.0643, 0.2948, 0.3160

Sweetspot

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



58.0669, 0.3288, 0.3290



94.7337, 0.3176, 0.3290



58.9876, 0.3135, 0.3064



19.9833, 0.3190, 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.



58.0669, 0.3288, 0.3290



81.7171, 0.3324, 0.3290



62.5719, 0.3277, 0.3401



12.4212, 0.3291, 0.3290



8.6418, 0.6398, 0.3298



0.5214, 0.6391, 0.3294

Inverse Universe

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



58.0669, 0.3288, 0.3290



81.7171, 0.3324, 0.3290



61.0005, 0.2984, 0.3176



12.4212, 0.3291, 0.3290



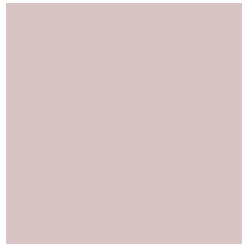
8.6418, 0.6398, 0.3298



0.5214, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 58.0643, 0.3288, 0.3290 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 58.0643, 0.3288, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

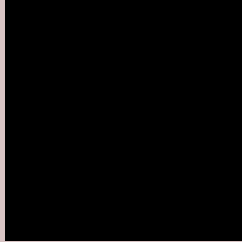
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0643, 0.3288, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 58.0643, 0.3288, 0.3290.



This preview shows how white text looks on a background with the Yxy color 58.0643, 0.3288, 0.3290.

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

58.0643, 0.3288, 0.3290

Protanopia

58.3649, 0.3181, 0.3314

Deuteranopia

57.9412, 0.3332, 0.3268



Tritanopia

58.0924, 0.3207, 0.3120

Trichromacy



Original Color

58.0643, 0.3288, 0.3290

Protanomaly

58.4334, 0.3221, 0.3314

Deuteranomaly

58.0758, 0.3314, 0.3279

Tritanomaly

58.1416, 0.3236, 0.3187

Monochromacy



Original Color

58.0643, 0.3288, 0.3290

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7441, 0.3182, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0643, 0.3288, 0.3290 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(216, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 196)  
}
```

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(216, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 196) }
```

Border

The CSS property to change the border of an element to Yxy 58.0643, 0.3288, 0.3290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

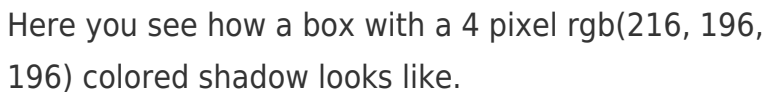
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 196, 196) }
```

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

```
.border{ border-color:rgb(216, 196, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 196, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 196, 196); box-shadow:4px 4px 4px 4px rgb(216, 196, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0643, 0.3288, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 196) }
```

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

```
.background{ background-color: rgb(216,  
196, 196) }
```

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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