

Converting Colors

$Yxy(58.4680, 0.3286, 0.3266)$

Have a look what the booklet for
Yxy(58.4680, 0.3286, 0.3266)
contains.

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Color

Yxy(58.4625, 0.3289, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DAC4C6
RGB	218, 196, 198
RGB Percent	85%, 77%, 78%
CMY	0.1452, 0.2313, 0.2236
CMYK	0.00, 0.10, 0.09, 0.15
HSL	355°, 23%, 81%
HSV	355°, 10%, 85%
XYZ	58.8382, 58.4625, 61.5931
YIQ	202.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

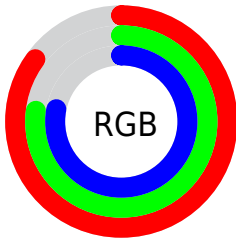
Format	Color
R _Y B	218, 196, 198
Decimal	14337222
CIE Lab	81.00, 8.05, 1.83
CIE LCh	81, 8.253, 12.783
Yxy	58.4625, 0.3289, 0.3268
Android (android.graphics.Color)	4292527302 (0xFFDAC4C6)
YUV	202.8060, -2.3694, 13.3251
Hunter-Lab	76.4608, 3.5532, 5.7614

Details

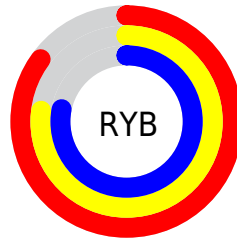
The Yxy color **58.4625, 0.3289, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8267, 0.2985, 0.3312**, and the grayscale version is **59.6011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.1461, 0.3335, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **48.4777, 0.3489, 0.3245**, and if you desaturate by 10%, it is **70.0011, 0.3128, 0.3290**.

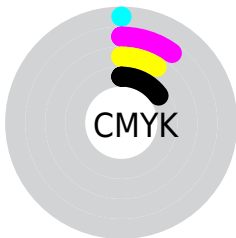
Distribution



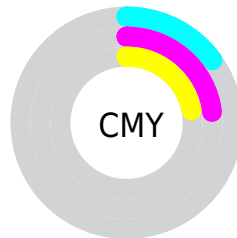
- Red (85%)
- Green (77%)
- Blue (78%)



- Red (85%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (15%)





- Cyan (15%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4625, 0.3289, 0.3268 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 58.4625, 0.3289, 0.3268 by changing the saturation by 10% instead.

 58.4625, 0.3289,
0.3268

 58.4625, 0.3289,
0.3268

418.9071, 0.3211,
0.3279

 42.1806, 0.3308,
0.3265


 102.5961, 0.3261,
0.3272

 29.2427, 0.3331,
0.3262


131.2165, 0.3251,
0.3274

 19.2645, 0.3362,
0.3257


164.7186, 0.3242,
0.3275

 11.8616, 0.3403,
0.3251

203.4866, 0.3234,
0.3276

 6.6495, 0.3463,
0.3241

247.9051, 0.3227,
0.3277

 3.2439, 0.3554,
0.3226

298.3585, 0.3221,

 1.2603, 0.3715,

0.3278

0.3198

355.2310, 0.3216,
0.3278

0.1102, 0.7322,
0.2678

0.0000, 0.0000,
0.0000

58.4625, 0.3289,
0.3268

58.4625, 0.3289,
0.3268

48.4777, 0.3489,
0.3245

70.0011, 0.3128,
0.3290

39.9730, 0.3738,
0.3221

83.1479, 0.2999,
0.3310

32.8804, 0.4045,
0.3198

93.6416, 0.2906,
0.3289

27.1233, 0.4413,
0.3178

■ 22.6179, 0.4836,
0.3166

■ 19.2712, 0.5292,
0.3166

■ 16.9768, 0.5731,
0.3182

■ 15.6090, 0.6087,
0.3215

■ 14.9501, 0.6315,
0.3252

Harmonies

Analogous

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



58.4625, 0.3199, 0.3182



58.4625, 0.3289, 0.3268



58.4625, 0.3335, 0.3361

Triad

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



58.4625, 0.3289, 0.3268



58.4625, 0.3161, 0.3463



58.4625, 0.2933, 0.3141

Complementary

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



58.4625, 0.3289, 0.3268



66.8267, 0.2985, 0.3312

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.



58.4625, 0.2924, 0.3214



58.4625, 0.3289, 0.3268



58.4625, 0.3054, 0.3402

Square

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



58.4625, 0.3289, 0.3268



58.4625, 0.3260, 0.3476



58.4625, 0.2967, 0.3310



58.4625, 0.2994, 0.3109

Rectangle

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



58.4625, 0.3289, 0.3268



58.4625, 0.3335, 0.3415



58.4625, 0.2967, 0.3310



58.4625, 0.2924, 0.3161

Sweetspot

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



58.4651, 0.3289, 0.3268



94.7751, 0.3172, 0.3284



59.1134, 0.3122, 0.3043



19.9944, 0.3185, 0.3282



0.0000, 0.0000, 0.0000



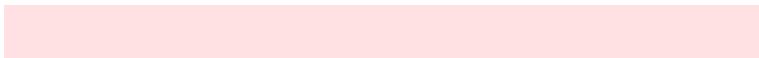
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.4651, 0.3289, 0.3268



80.3397, 0.3326, 0.3263



62.4549, 0.3293, 0.3391



13.0703, 0.3278, 0.3269



8.9657, 0.6295, 0.3241



0.5875, 0.6016, 0.3088

Inverse Universe

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



58.4651, 0.3289, 0.3268



80.3397, 0.3326, 0.3263



62.4938, 0.2972, 0.3187



13.0703, 0.3278, 0.3269



8.9657, 0.6295, 0.3241



0.5875, 0.6016, 0.3088

Previews

White Background



This preview shows how the Yxy color 58.4625, 0.3289, 0.3268 looks on a white background.

Color Contrast Check

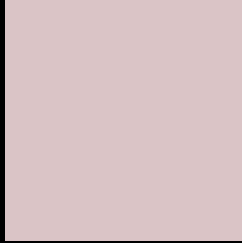
Large Text (above 18pt) WCAG AA × Fail

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 58.4625, 0.3289, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

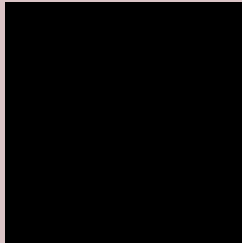
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4625, 0.3289, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 58.4625, 0.3289, 0.3268.



This preview shows how white text looks on a background with the Yxy color 58.4625, 0.3289, 0.3268.

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

58.4625, 0.3289, 0.3268

Protanopia

58.4578, 0.3166, 0.3290

Deuteranopia

58.6370, 0.3323, 0.3257



Tritanopia

58.4027, 0.3223, 0.3121

Trichromacy



Original Color

58.4625, 0.3289, 0.3268

Protanomaly

58.6720, 0.3214, 0.3290

Deuteranomaly

58.4796, 0.3315, 0.3256

Tritanomaly

58.4981, 0.3245, 0.3177

Monochromacy



Original Color

58.4625, 0.3289, 0.3268

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9355, 0.3182, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4625, 0.3289, 0.3268 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(218, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(218, 196, 198)  
}
```

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(218, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 196, 198) }
```

Border

The CSS property to change the border of an element to Yxy 58.4625, 0.3289, 0.3268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

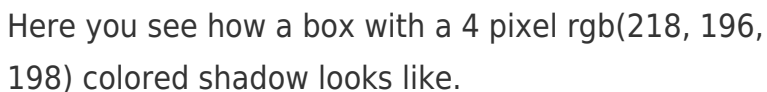
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 196, 198) }
```

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

```
.border{ border-color:rgb(218, 196, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 196, 198); box-shadow:4px 4px 4px 4px rgb(218, 196, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4625, 0.3289, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 196, 198) }
```

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

```
.background{ background-color: rgb(218,  
196, 198) }
```

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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