

Converting Colors

Yxy(58.6620, 0.3211, 0.3384)

Have a look what the booklet for
Yxy(58.6620, 0.3211, 0.3384)
contains.

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Color

Yxy(58.6027, 0.3217, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	CDC9C1
RGB	205, 201, 193
RGB Percent	80%, 79%, 76%
CMY	0.1960, 0.2118, 0.2431
CMYK	0.00, 0.02, 0.06, 0.20
HSL	40°, 11%, 78%
HSV	40°, 6%, 80%
XYZ	55.6942, 58.6027, 58.8278
YIQ	201.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

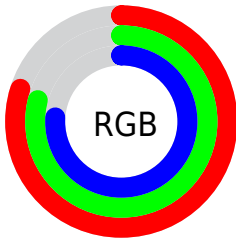
Format	Color
RYB	199, 205, 193
Decimal	13486529
CIELab	81.07, -0.01, 4.47
CIELCh	81, 4.473, 90.189
Yxy	58.6027, 0.3217, 0.3385
Android (android.graphics.Color)	4291676609 (0xFFCDC9C1)
YUV	201.2840, -4.0840, 3.2589
Hunter-Lab	76.5524, -4.1025, 8.0245

Details

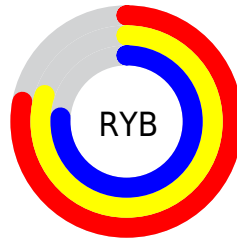
The Yxy color **58.6027, 0.3217, 0.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6925, 0.3038, 0.3193**, and the grayscale version is **58.6209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **29.3402, 0.3237, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **54.6215, 0.3383, 0.3554**, and if you desaturate by 10%, it is **62.8591, 0.3067, 0.3225**.

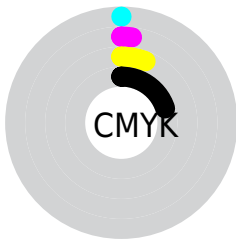
Distribution



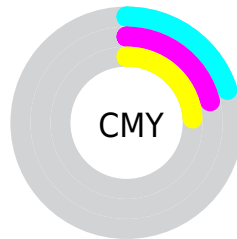
- Red (80%)
- Green (79%)
- Blue (76%)



- Red (78%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6027, 0.3217, 0.3385 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 58.6027, 0.3217, 0.3385 by changing the saturation by 10% instead.

■ 58.6027, 0.3217,
0.3385

■ 58.6027, 0.3217,
0.3385

419.4280, 0.3174,
0.3339

■ 42.2934, 0.3227,
0.3396

■ 102.8000, 0.3202,
0.3369

■ 29.3311, 0.3240,
0.3410

131.4568, 0.3196,
0.3363

■ 19.3314, 0.3257,
0.3427

164.9982, 0.3191,
0.3357

■ 11.9100, 0.3280,
0.3452

203.8086, 0.3186,
0.3353

■ 6.6824, 0.3312,
0.3486

248.2723, 0.3183,
0.3349

■ 3.2643, 0.3362,
0.3538

298.7739, 0.3179,

■ 1.2712, 0.3449,

0.3345

0.3630

355.6977, 0.3176,
0.3342

0.1188, 0.4865,
0.5135

0.0000, 0.0000,
0.0000

58.6027, 0.3217,
0.3385

58.6027, 0.3217,
0.3385

54.6215, 0.3383,
0.3554

62.8591, 0.3067,
0.3225

50.9008, 0.3565,
0.3728

67.3897, 0.2933,
0.3075

47.4356, 0.3761,
0.3903

72.2035, 0.2813,
0.2937

44.2183, 0.3968,
0.4071

75.9500, 0.2815,
0.3007

■ 41.2401, 0.4179,
0.4224

■ 79.8151, 0.2820,
0.3081

■ 38.4920, 0.4387,
0.4350

■ 83.8322, 0.2824,
0.3155

■ 35.9638, 0.4582,
0.4438

■ 88.0029, 0.2829,
0.3228

■ 33.6439, 0.4752,
0.4479

■ 91.7229, 0.2833,
0.3289

■ 31.5185, 0.4891,
0.4470

Harmonies

Analogous

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



58.6027, 0.3240, 0.3355



58.6027, 0.3217, 0.3385



58.6027, 0.3170, 0.3389

Triad

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



58.6027, 0.3217, 0.3385



58.6027, 0.3023, 0.3270



58.6027, 0.3142, 0.3215

Complementary

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



58.6027, 0.3217, 0.3385



55.6925, 0.3038, 0.3193

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.



58.6027, 0.3084, 0.3193



58.6027, 0.3217, 0.3385



58.6027, 0.3016, 0.3224

Square

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



58.6027, 0.3217, 0.3385



58.6027, 0.3058, 0.3323



58.6027, 0.3038, 0.3196



58.6027, 0.3197, 0.3258

Rectangle

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



58.6027, 0.3217, 0.3385



58.6027, 0.3131, 0.3377



58.6027, 0.3038, 0.3196



58.6027, 0.3122, 0.3205

Sweetspot

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



58.6052, 0.3217, 0.3385



98.5906, 0.3158, 0.3322



55.1640, 0.3193, 0.3240



21.1173, 0.3156, 0.3321



0.0000, 0.0000, 0.0000



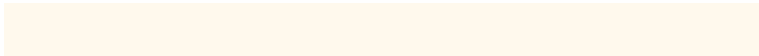
21.4041, 0.3127, 0.3290

Same Dimension

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



58.6052, 0.3217, 0.3385



95.1469, 0.3236, 0.3405



60.2532, 0.3199, 0.3433



12.6043, 0.3243, 0.3412



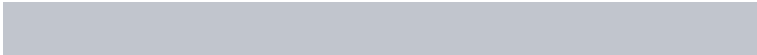
19.2796, 0.4930, 0.4468



1.1309, 0.4751, 0.4610

Inverse Universe

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



55.6925, 0.3038, 0.3193



89.4294, 0.3019, 0.3172



54.1254, 0.3053, 0.3145



11.8014, 0.3012, 0.3165



5.5269, 0.1638, 0.1097



0.4247, 0.1750, 0.1500

Previews

White Background



This preview shows how the Yxy color 58.6027, 0.3217, 0.3385 looks on a white background.

Color Contrast Check

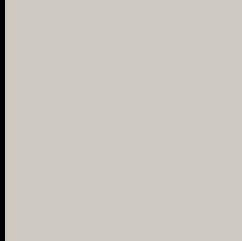
Large Text (above 18pt) WCAG AA × Fail

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 58.6027, 0.3217, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

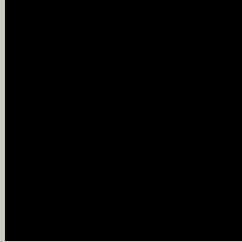
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

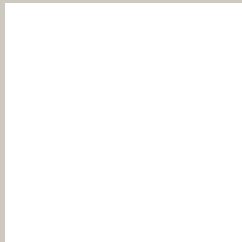
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6027, 0.3217, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 58.6027, 0.3217, 0.3385.

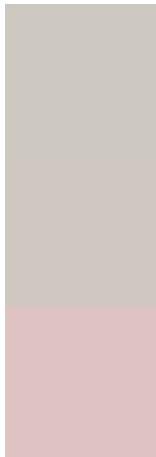


This preview shows how white text looks on a background with the Yxy color 58.6027, 0.3217, 0.3385.

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

58.6027, 0.3217, 0.3385

Protanopia

58.4242, 0.3234, 0.3373

Deuteranopia

58.6132, 0.3362, 0.3302



Tritanopia

58.6022, 0.3096, 0.3117

Trichromacy



Original Color

58.6027, 0.3217, 0.3385

Protanomaly

58.2806, 0.3226, 0.3373

Deuteranomaly

58.4265, 0.3302, 0.3325

Tritanomaly

58.5685, 0.3139, 0.3208

Monochromacy



Original Color

58.6027, 0.3217, 0.3385

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4071, 0.3157, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6027, 0.3217, 0.3385 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(205, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 193)  
}
```

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(205, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 193) }
```

Border

The CSS property to change the border of an element to Yxy 58.6027, 0.3217, 0.3385 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(205, 201, 193) }
```

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

```
.border{ border-color:rgb(205, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6027, 0.3217, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 193) }
```

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

```
.background{ background-color: rgb(205,  
201, 193) }
```

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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