

Converting Colors

$Yxy(57.8469, 0.3355, 0.3384)$

Have a look what the booklet for
Yxy(57.8469, 0.3355, 0.3384)
contains.

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Color

Yxy(57.8624, 0.3358, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	D9C4BC
RGB	217, 196, 188
RGB Percent	85%, 77%, 74%
CMY	0.1492, 0.2313, 0.2628
CMYK	0.00, 0.10, 0.13, 0.15
HSL	17°, 28%, 79%
HSV	17°, 13%, 85%
XYZ	57.4178, 57.8624, 55.7079
YIQ	201.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

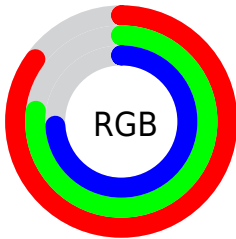
Format	Color
R _Y B	217, 199, 188
Decimal	14271676
CIE Lab	80.66, 6.03, 6.70
CIE LCh	81, 9.010, 48.016
Yxy	57.8624, 0.3358, 0.3384
Android (android.graphics.Color)	4292461756 (0xFFD9C4BC)
YUV	201.3670, -6.5899, 13.7101
Hunter-Lab	76.0673, 1.6191, 9.8261

Details

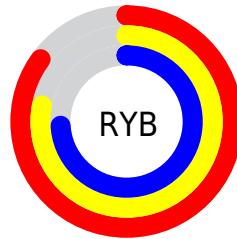
The Yxy color **57.8624, 0.3358, 0.3384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2466, 0.2922, 0.3194**, and the grayscale version is **58.6799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0422, 0.3192, 0.3377**, and **28.7767, 0.3419, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **50.2944, 0.3570, 0.3459**, and if you desaturate by 10%, it is **66.3144, 0.3180, 0.3313**.

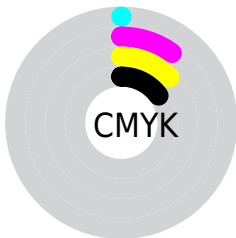
Distribution



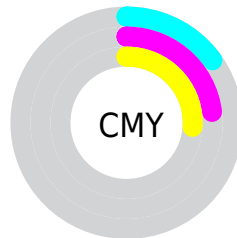
- Red (85%)
- Green (77%)
- Blue (74%)



- Red (85%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (15%)





- Cyan (15%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8624, 0.3358, 0.3384 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 57.8624, 0.3358, 0.3384 by changing the saturation by 10% instead.


 57.8624, 0.3358,
0.3384

 57.8624, 0.3358,
0.3384

416.6730, 0.3246,
0.3340

 41.6980, 0.3385,
0.3394


 101.7225, 0.3318,
0.3368

 28.8649, 0.3419,
0.3407


130.1869, 0.3303,
0.3362

 18.9787, 0.3463,
0.3424


163.5202, 0.3290,
0.3357

 11.6549, 0.3523,
0.3445

202.1068, 0.3279,
0.3353

 6.5091, 0.3609,
0.3475

246.3309, 0.3269,
0.3349

 3.1571, 0.3742,
0.3519

296.5771, 0.3261,

 1.2143, 0.3984,

0.3346

0.3596

353.2296, 0.3253,
0.3342

0.0733, 0.7473,
0.2527

0.0000, 0.0000,
0.0000

57.8624, 0.3358,
0.3384

57.8624, 0.3358,
0.3384

50.2944, 0.3570,
0.3459

66.3144, 0.3180,
0.3313

43.5738, 0.3821,
0.3537

75.6700, 0.3031,
0.3247

37.6728, 0.4115,
0.3612

85.9581, 0.2906,
0.3186

32.5592, 0.4450,
0.3678

93.4830, 0.2900,
0.3289

■ 28.1984, 0.4819,
0.3726

■ 24.5533, 0.5201,
0.3744

■ 21.5831, 0.5564,
0.3721

■ 19.2423, 0.5869,
0.3653

■ 18.0026, 0.6032,
0.3592

Harmonies

Analogous

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



57.8624, 0.3317, 0.3284



57.8624, 0.3358, 0.3384



57.8624, 0.3335, 0.3462

Triad

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



57.8624, 0.3358, 0.3384



57.8624, 0.3028, 0.3397



57.8624, 0.2997, 0.3091

Complementary

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



57.8624, 0.3358, 0.3384



61.2466, 0.2922, 0.3194

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.



57.8624, 0.2923, 0.3117



57.8624, 0.3358, 0.3384



57.8624, 0.2940, 0.3292

Square

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



57.8624, 0.3358, 0.3384



57.8624, 0.3143, 0.3472



57.8624, 0.2902, 0.3190



57.8624, 0.3108, 0.3117

Rectangle

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



57.8624, 0.3358, 0.3384



57.8624, 0.3288, 0.3490



57.8624, 0.2902, 0.3190



57.8624, 0.2967, 0.3094

Sweetspot

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



57.8650, 0.3358, 0.3384



94.7500, 0.3191, 0.3318



55.3158, 0.3202, 0.3048



20.0742, 0.3204, 0.3323



0.0000, 0.0000, 0.0000



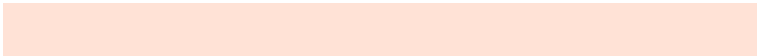
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8650, 0.3358, 0.3384



80.2649, 0.3414, 0.3405



64.5578, 0.3336, 0.3544



13.6374, 0.3285, 0.3356



11.0577, 0.6007, 0.3613



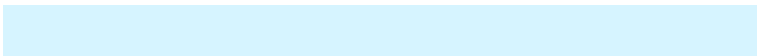
0.8600, 0.5683, 0.3870

Inverse Universe

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



61.2466, 0.2922, 0.3194



86.0468, 0.2879, 0.3172



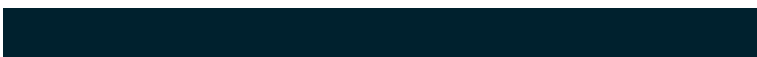
54.6092, 0.2917, 0.3022



14.1861, 0.2982, 0.3224



17.7583, 0.1990, 0.2365



1.2925, 0.2037, 0.2534

Previews

White Background



This preview shows how the Yxy color 57.8624, 0.3358, 0.3384 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 57.8624, 0.3358, 0.3384 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 57.8624, 0.3358, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 57.8624, 0.3358, 0.3384.



This preview shows how white text looks on a background with the Yxy color 57.8624, 0.3358, 0.3384.

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

57.8624, 0.3358, 0.3384

Protanopia

57.6864, 0.3249, 0.3397

Deuteranopia

57.6181, 0.3422, 0.3348



Tritanopia

57.9096, 0.3232, 0.3121

Trichromacy



Original Color

57.8624, 0.3358, 0.3384

Protanomaly

57.7639, 0.3290, 0.3397

Deuteranomaly

57.5866, 0.3395, 0.3360

Tritanomaly

57.8607, 0.3276, 0.3211

Monochromacy



Original Color

57.8624, 0.3358, 0.3384

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0978, 0.3212, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8624, 0.3358, 0.3384 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(217, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(217, 196, 188)  
}
```

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(217, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 196, 188) }
```

Border

The CSS property to change the border of an element to Yxy 57.8624, 0.3358, 0.3384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

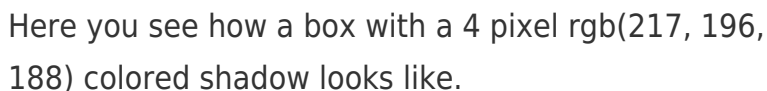
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 196, 188) }
```

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

```
.border{ border-color:rgb(217, 196, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 196, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 196, 188); box-shadow:4px 4px 4px 4px rgb(217, 196, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8624, 0.3358, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 196, 188) }
```

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

```
.background{ background-color: rgb(217,  
196, 188) }
```

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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