

Converting Colors

$Yxy(57.0021, 0.3464, 0.3558)$

Have a look what the booklet for
Yxy(57.0021, 0.3464, 0.3558)
contains.

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Color

Yxy(57.0959, 0.3468, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	D8C4AD
RGB	216, 196, 173
RGB Percent	85%, 77%, 68%
CMY	0.1529, 0.2314, 0.3215
CMYK	0.00, 0.09, 0.20, 0.15
HSL	32°, 36%, 76%
HSV	32°, 20%, 85%
XYZ	55.6048, 57.0959, 47.6360
YIQ	199.3580, 19.3030, -2.9130

Conversions

Conversions Part 2

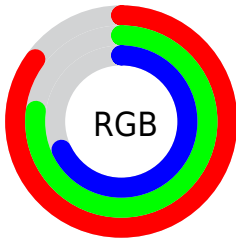
Format	Color
R _Y B	210, 216, 173
Decimal	14206125
CIE Lab	80.23, 3.38, 14.09
CIE LCh	80, 14.490, 76.517
Yxy	57.0959, 0.3468, 0.3561
Android (android.graphics.Color)	4292396205 (0xFFD8C4AD)
YUV	199.3580, -12.9945, 14.5950
Hunter-Lab	75.5618, -0.8778, 15.5154

Details

The Yxy color **57.0959, 0.3468, 0.3561** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9979, 0.2813, 0.3003**, and the grayscale version is **57.4189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1120, 0.3288, 0.3533**, and **28.3035, 0.3557, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **51.9439, 0.3672, 0.3705**, and if you desaturate by 10%, it is **62.6922, 0.3286, 0.3421**.

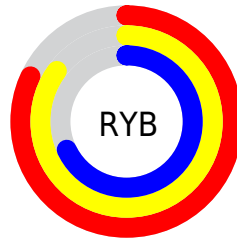
Distribution



Red (85%)

Green (77%)

Blue (68%)



Red (82%)

Yellow (85%)

Blue (68%)

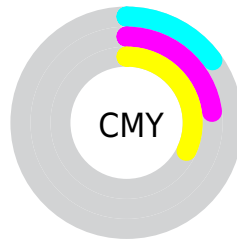


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0959, 0.3468, 0.3561 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 57.0959, 0.3468, 0.3561 by changing the saturation by 10% instead.

 57.0959, 0.3468,
0.3561

 57.0959, 0.3468,
0.3561

413.8086, 0.3303,
0.3431

 41.0822, 0.3508,
0.3592


 100.6051, 0.3409,
0.3515

 28.3834, 0.3558,
0.3630

128.8694, 0.3387,
0.3498

 18.6148, 0.3622,
0.3679


161.9861, 0.3368,
0.3483

 11.3923, 0.3710,
0.3745

200.3395, 0.3351,
0.3470

 6.3314, 0.3834,
0.3836

244.3141, 0.3337,
0.3458

 3.0476, 0.4023,
0.3969

294.2942, 0.3324,

 1.1566, 0.4608,

0.3448

0.4438

350.6642, 0.3313,
0.3439

0.0259, 0.8055,
0.1945

0.0000, 0.0000,
0.0000

57.0959, 0.3468,
0.3561

57.0959, 0.3468,
0.3561

51.9439, 0.3672,
0.3705

62.6922, 0.3286,
0.3421

47.2161, 0.3899,
0.3848

68.7368, 0.3126,
0.3289

42.9020, 0.4144,
0.3983

75.2436, 0.2985,
0.3165

38.9875, 0.4403,
0.4099

81.9351, 0.2887,
0.3095

■ 35.4576, 0.4663,
0.4184

■ 87.8953, 0.2891,
0.3200

■ 32.2958, 0.4911,
0.4227

■ 93.3400, 0.2894,
0.3289

■ 29.4836, 0.5132,
0.4217

■ 26.9930, 0.5318,
0.4159

■ 26.9693, 0.5320,
0.4158

Harmonies

Analogous

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



57.0959, 0.3501, 0.3430



57.0959, 0.3468, 0.3561



57.0959, 0.3342, 0.3623

Triad

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



57.0959, 0.3468, 0.3561



57.0959, 0.2832, 0.3300



57.0959, 0.3084, 0.3010

Complementary

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



57.0959, 0.3468, 0.3561



51.9979, 0.2813, 0.3003

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.



57.0959, 0.2910, 0.2972



57.0959, 0.3468, 0.3561



57.0959, 0.2767, 0.3132

Square

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



57.0959, 0.3468, 0.3561



57.0959, 0.2975, 0.3472



57.0959, 0.2795, 0.3014



57.0959, 0.3276, 0.3118

Rectangle

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



57.0959, 0.3468, 0.3561



57.0959, 0.3224, 0.3613



57.0959, 0.2795, 0.3014



57.0959, 0.3022, 0.2989

Sweetspot

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



57.0985, 0.3468, 0.3561



94.5939, 0.3222, 0.3369



48.3500, 0.3342, 0.3054



20.1242, 0.3233, 0.3378



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.



57.0985, 0.3468, 0.3561



79.8198, 0.3554, 0.3623



66.5162, 0.3414, 0.3785



13.5092, 0.3278, 0.3415



16.1801, 0.5298, 0.4175



1.1409, 0.5056, 0.4367

Inverse Universe

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



51.9979, 0.2813, 0.3003



71.0565, 0.2742, 0.2932



43.9054, 0.2808, 0.2746



12.9519, 0.2982, 0.3162



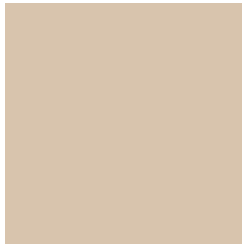
8.6016, 0.1743, 0.1474



0.6836, 0.1834, 0.1802

Previews

White Background



This preview shows how the Yxy color 57.0959, 0.3468, 0.3561 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 57.0959, 0.3468, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

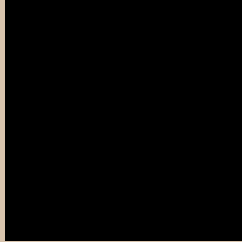
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0959, 0.3468, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 57.0959, 0.3468, 0.3561.



This preview shows how white text looks on a background with the Yxy color 57.0959, 0.3468, 0.3561.

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

57.0959, 0.3468, 0.3561

Protanopia

57.3127, 0.3387, 0.3590

Deuteranopia

57.0862, 0.3563, 0.3497



Tritanopia

56.9335, 0.3249, 0.3120

Trichromacy



Original Color

57.0959, 0.3468, 0.3561

Protanomaly

57.2930, 0.3414, 0.3576

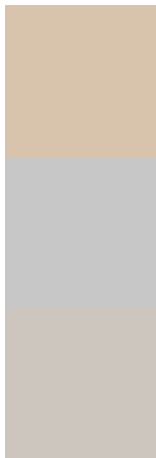
Deuteranomaly

56.8839, 0.3526, 0.3511

Tritanomaly

57.0950, 0.3332, 0.3279

Monochromacy



Original Color

57.0959, 0.3468, 0.3561

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0850, 0.3242, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0959, 0.3468, 0.3561 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 173) }
```

Border

The CSS property to change the border of an element to Yxy 57.0959, 0.3468, 0.3561 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, 173) }
```

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

```
.border{ border-color:rgb(216, 196, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0959, 0.3468, 0.3561 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, 173) }
```

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

```
.background{ background-color: rgb(216,  
196, 173) }
```

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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