

Converting Colors

Yxy(57.8917, 0.3582, 0.3511)

Have a look what the booklet for
Yxy(57.8917, 0.3582, 0.3511)
contains.

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Color

Yxy(57.8539, 0.3578, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	E5C1AE
RGB	229, 193, 174
RGB Percent	90%, 76%, 68%
CMY	0.1019, 0.2431, 0.3177
CMYK	0.00, 0.16, 0.24, 0.10
HSL	21°, 51%, 79%
HSV	21°, 24%, 90%
XYZ	59.0252, 57.8539, 48.0879
YIQ	201.5980, 27.5550, 1.7230

Conversions

Conversions Part 2

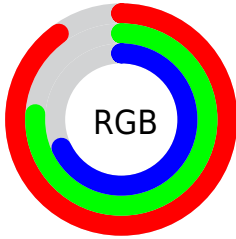
Format	Color
R _Y B	229, 203, 174
Decimal	15057326
CIE Lab	80.66, 9.96, 14.34
CIE LCh	81, 17.460, 55.236
Yxy	57.8539, 0.3578, 0.3507
Android (android.graphics.Color)	4293247406 (0xFFE5C1AE)
YUV	201.5980, -13.6058, 24.0316
Hunter-Lab	76.0618, 5.4109, 15.7588

Details

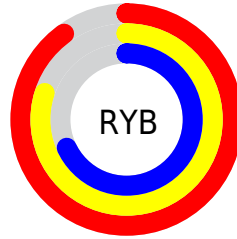
The Yxy color $57.8539, 0.3578, 0.3507$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $60.7440, 0.2754, 0.3062$, and the grayscale version is $58.8741, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.6685, 0.3286, 0.3485$, and $28.7546, 0.3696, 0.3545$ is the 20% darker color. If you saturate the color by 10%, you get $50.7447, 0.3822, 0.3603$, and if you desaturate by 10%, it is $65.7921, 0.3369, 0.3413$.

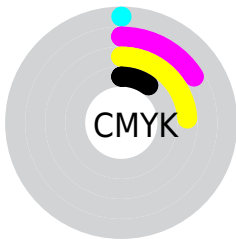
Distribution



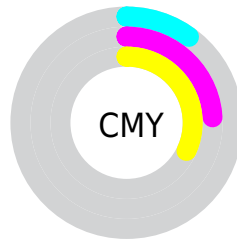
- Red (90%)
- Green (76%)
- Blue (68%)



- Red (90%)
- Yellow (80%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8539, 0.3578, 0.3507 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 57.8539, 0.3578, 0.3507 by changing the saturation by 10% instead.

 57.8539, 0.3578,
0.3507

 57.8539, 0.3578,
0.3507

416.6413, 0.3359,
0.3406

 41.6912, 0.3631,
0.3530


 101.7101, 0.3500,
0.3472

 28.8596, 0.3697,
0.3558


130.1723, 0.3470,
0.3458

 18.9746, 0.3783,
0.3594


163.5033, 0.3445,
0.3447

 11.6519, 0.3900,
0.3639

202.0872, 0.3423,
0.3436

 6.5071, 0.4065,
0.3700

246.3086, 0.3404,
0.3428

 3.1558, 0.4317,
0.3781

296.5518, 0.3387,

 1.2136, 0.4974,

0.3420

0.4079

353.2013, 0.3372,
0.3413

0.0728, 0.8109,
0.1891

0.0000, 0.0000,
0.0000

57.8539, 0.3578,
0.3507

57.8539, 0.3578,
0.3507

50.7447, 0.3822,
0.3603

65.7921, 0.3369,
0.3413

44.4289, 0.4103,
0.3696

74.5776, 0.3191,
0.3324

38.8799, 0.4420,
0.3778

84.2381, 0.3040,
0.3241

34.0666, 0.4762,
0.3840

94.0968, 0.2970,
0.3269

■ 29.9553, 0.5113,
0.3867

■ 95.4009, 0.2970,
0.3290

■ 26.5093, 0.5446,
0.3849

■ 23.6876, 0.5728,
0.3780

■ 22.2757, 0.5869,
0.3722

Harmonies

Analogous

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



57.8539, 0.3528, 0.3320



57.8539, 0.3578, 0.3507



57.8539, 0.3502, 0.3646

Triad

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



57.8539, 0.3578, 0.3507



57.8539, 0.2887, 0.3452



57.8539, 0.2921, 0.2915

Complementary

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



57.8539, 0.3578, 0.3507



60.7440, 0.2754, 0.3062

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.



57.8539, 0.2760, 0.2935



57.8539, 0.3578, 0.3507



57.8539, 0.2741, 0.3239

Square

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



57.8539, 0.3578, 0.3507



57.8539, 0.3099, 0.3622



57.8539, 0.2696, 0.3050



57.8539, 0.3142, 0.2987

Rectangle

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



57.8539, 0.3578, 0.3507



57.8539, 0.3392, 0.3690



57.8539, 0.2696, 0.3050



57.8539, 0.2859, 0.2911

Sweetspot

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



57.8565, 0.3578, 0.3507



91.6759, 0.3241, 0.3350



51.6108, 0.3305, 0.2883



19.4743, 0.3252, 0.3356



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.



57.8565, 0.3578, 0.3507



69.0353, 0.3699, 0.3556



70.8206, 0.3511, 0.3796



15.1785, 0.3284, 0.3372



12.9366, 0.5841, 0.3744



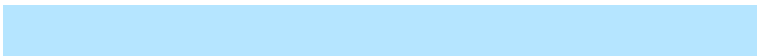
1.1245, 0.5559, 0.3968

Inverse Universe

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



60.7440, 0.2754, 0.3062



73.3321, 0.2675, 0.3006



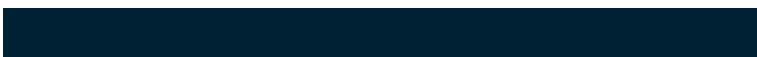
48.5832, 0.2727, 0.2728



15.4537, 0.2981, 0.3207



15.9111, 0.1923, 0.2121



1.3475, 0.1975, 0.2311

Previews

White Background



This preview shows how the Yxy color 57.8539, 0.3578, 0.3507 looks on a white background.

Color Contrast Check

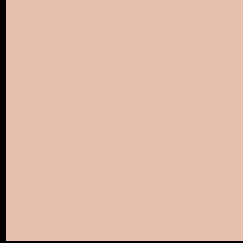
Large Text (above 18pt) WCAG AA × Fail

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 57.8539, 0.3578, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

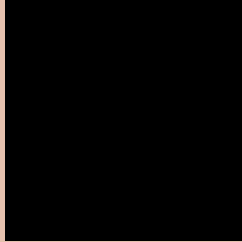
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8539, 0.3578, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 57.8539, 0.3578, 0.3507.



This preview shows how white text looks on a background with the Yxy color 57.8539, 0.3578, 0.3507.

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

57.8539, 0.3578, 0.3507

Protanopia

58.0382, 0.3371, 0.3564

Deuteranopia

57.8539, 0.3578, 0.3507



Tritanopia

57.8628, 0.3374, 0.3136

Trichromacy



Original Color

57.8539, 0.3578, 0.3507

Protanomaly

57.6660, 0.3442, 0.3537

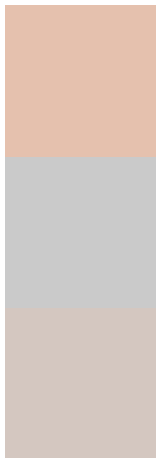
Deuteranomaly

57.8539, 0.3578, 0.3507

Tritanomaly

57.6216, 0.3454, 0.3269

Monochromacy



Original Color

57.8539, 0.3578, 0.3507

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6497, 0.3283, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8539, 0.3578, 0.3507 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(229, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 193, 174)  
}
```

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(229, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 193, 174) }
```

Border

The CSS property to change the border of an element to Yxy 57.8539, 0.3578, 0.3507 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(229, 193, 174) }
```

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

```
.border{ border-color:rgb(229, 193, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 193, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 193,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8539, 0.3578, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 193, 174) }
```

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

```
.background{ background-color: rgb(229,  
193, 174) }
```

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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