

Converting Colors

$Y_{xy}(57.1335, 0.3596, 0.3531)$

Have a look what the booklet for
Yxy(57.1335, 0.3596, 0.3531)
contains.

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Color

Yxy(57.1335, 0.3596, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	E4C0AB
RGB	228, 192, 171
RGB Percent	89%, 75%, 67%
CMY	0.1060, 0.2470, 0.3294
CMYK	0.00, 0.16, 0.25, 0.11
HSL	22°, 51%, 78%
HSV	22°, 25%, 89%
XYZ	58.1852, 57.1335, 46.4867
YIQ	200.3700, 28.1970, 1.1010

Conversions

Conversions Part 2

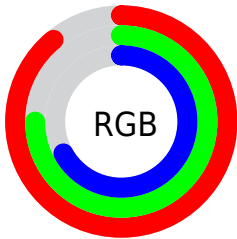
Format	Color
R _Y B	228, 204, 171
Decimal	14991531
CIE Lab	80.25, 9.66, 15.36
CIE LCh	80, 18.143, 57.834
Yxy	57.1335, 0.3596, 0.3531
Android (android.graphics.Color)	4293181611 (0xFFE4C0AB)
YUV	200.3700, -14.4794, 24.2315
Hunter-Lab	75.5867, 5.1292, 16.4467

Details

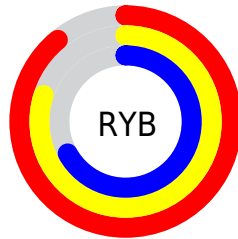
The Yxy color **57.1335, 0.3596, 0.3531** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.8508, 0.2738, 0.3036**, and the grayscale version is **58.0759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8858, 0.3306, 0.3505**, and **28.5678, 0.3718, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **50.3292, 0.3840, 0.3633**, and if you desaturate by 10%, it is **64.7102, 0.3386, 0.3431**.

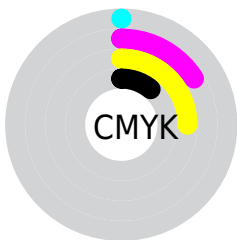
Distribution



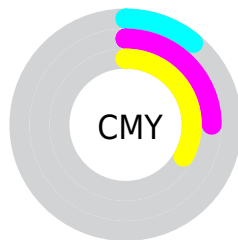
- Red (89%)
- Green (75%)
- Blue (67%)



- Red (89%)
- Yellow (80%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1335, 0.3596, 0.3531 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 57.1335, 0.3596, 0.3531 by changing the saturation by 10% instead.


 57.1335, 0.3596,
0.3531

 57.1335, 0.3596,
0.3531


413.9494, 0.3368,
0.3419

 41.1124, 0.3651,
0.3557


 100.6600, 0.3515,
0.3492

 28.4069, 0.3720,
0.3588


128.9341, 0.3484,
0.3477

 18.6326, 0.3810,
0.3628


162.0615, 0.3457,
0.3464

 11.4051, 0.3932,
0.3679

200.4264, 0.3434,
0.3452

 6.3400, 0.4105,
0.3747

244.4132, 0.3415,
0.3442

 3.0529, 0.4368,
0.3839

294.4064, 0.3397,

 1.1594, 0.5160,

0.3434

0.4246

350.7903, 0.3382,
0.3426

0.0282, 0.9031,
0.0969

0.0000, 0.0000,
0.0000

57.1335, 0.3596,
0.3531

57.1335, 0.3596,
0.3531

50.3292, 0.3840,
0.3633

64.7102, 0.3386,
0.3431

44.2642, 0.4118,
0.3731

73.0754, 0.3206,
0.3335

38.9141, 0.4429,
0.3818

82.2548, 0.3054,
0.3246

34.2505, 0.4763,
0.3883

91.7990, 0.2963,
0.3235

■ 30.2425, 0.5102,
0.3911

■ 95.2274, 0.2964,
0.3290

■ 26.8564, 0.5420,
0.3892

■ 24.0541, 0.5689,
0.3821

■ 22.8496, 0.5805,
0.3772

Harmonies

Analogous

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



57.1335, 0.3555, 0.3338



57.1335, 0.3596, 0.3531



57.1335, 0.3506, 0.3670

Triad

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



57.1335, 0.3596, 0.3531



57.1335, 0.2860, 0.3440



57.1335, 0.2931, 0.2902

Complementary

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



57.1335, 0.3596, 0.3531



58.8508, 0.2738, 0.3036

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.



57.1335, 0.2756, 0.2914



57.1335, 0.3596, 0.3531



57.1335, 0.2716, 0.3217

Square

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



57.1335, 0.3596, 0.3531



57.1335, 0.3077, 0.3625



57.1335, 0.2679, 0.3025



57.1335, 0.3164, 0.2985

Rectangle

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



57.1335, 0.3596, 0.3531



57.1335, 0.3386, 0.3709



57.1335, 0.2679, 0.3025



57.1335, 0.2863, 0.2895

Sweetspot

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



57.1361, 0.3596, 0.3531



91.9272, 0.3241, 0.3354



50.1204, 0.3330, 0.2886



19.5324, 0.3252, 0.3360



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.



57.1361, 0.3596, 0.3531



68.9922, 0.3718, 0.3584



70.8055, 0.3522, 0.3836



15.2348, 0.3283, 0.3377



13.4070, 0.5778, 0.3794



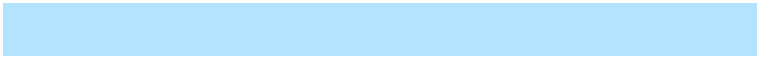
1.1636, 0.5502, 0.4013

Inverse Universe

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



58.8508, 0.2738, 0.3036



71.5535, 0.2658, 0.2975



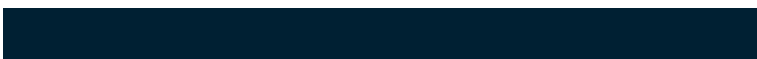
46.3334, 0.2707, 0.2678



15.3952, 0.2981, 0.3201



14.9594, 0.1899, 0.2037



1.2816, 0.1956, 0.2240

Previews

White Background



This preview shows how the Yxy color 57.1335, 0.3596, 0.3531 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 57.1335, 0.3596, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

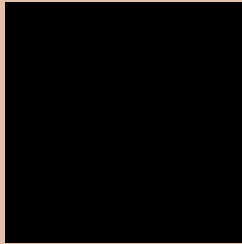
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1335, 0.3596, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 57.1335, 0.3596, 0.3531.



This preview shows how white text looks on a background with the Yxy color 57.1335, 0.3596, 0.3531.

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

57.1335, 0.3596, 0.3531

Protanopia

57.4581, 0.3396, 0.3589

Deuteranopia

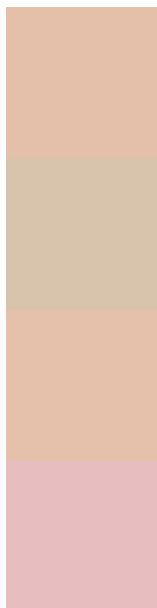
57.2976, 0.3605, 0.3530



Tritanopia

57.3865, 0.3384, 0.3136

Trichromacy



Original Color

57.1335, 0.3596, 0.3531

Protanomaly

57.0959, 0.3468, 0.3561

Deuteranomaly

57.2976, 0.3605, 0.3530

Tritanomaly

57.1457, 0.3464, 0.3269

Monochromacy



Original Color

57.1335, 0.3596, 0.3531

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3083, 0.3292, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1335, 0.3596, 0.3531 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(228, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(228, 192, 171)  
}
```

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(228, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 192, 171) }
```

Border

The CSS property to change the border of an element to Yxy 57.1335, 0.3596, 0.3531 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(228, 192, 171) }
```

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

```
.border{ border-color:rgb(228, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 192, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 192, 171); box-shadow:4px 4px 4px 4px rgb(228, 192, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1335, 0.3596, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 192, 171) }
```

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

```
.background{ background-color: rgb(228,  
192, 171) }
```

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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