

Converting Colors

Yxy(64.7858, 0.3499, 0.3543)

Have a look what the booklet for
Yxy(64.7858, 0.3499, 0.3543)
contains.

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Color

Yxy(64.7173, 0.3500, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	E8CEB7
RGB	232, 206, 183
RGB Percent	91%, 81%, 72%
CMY	0.0903, 0.1921, 0.2822
CMYK	0.00, 0.11, 0.21, 0.09
HSL	28°, 52%, 81%
HSV	28°, 21%, 91%
XYZ	63.8958, 64.7173, 53.9463
YIQ	211.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

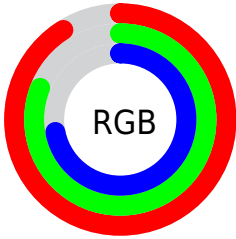
Format	Color
R _Y B	232, 226, 183
Decimal	15257271
CIE Lab	84.34, 5.52, 14.74
CIE LCh	84, 15.737, 69.480
Yxy	64.7173, 0.3500, 0.3545
Android (android.graphics.Color)	4293447351 (0xFFE8CEB7)
YUV	211.1520, -13.8789, 18.2837
Hunter-Lab	80.4471, 0.9928, 16.5542

Details

The Yxy color **64.7173, 0.3500, 0.3545** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.5053, 0.2795, 0.3021**, and the grayscale version is **65.3312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **33.2983, 0.3594, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **58.1344, 0.3717, 0.3673**, and if you desaturate by 10%, it is **71.9296, 0.3310, 0.3421**.

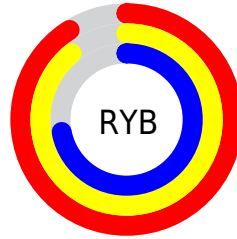
Distribution



Red (91%)

Green (81%)

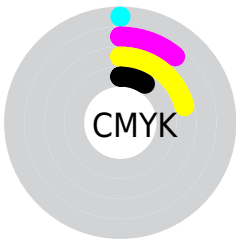
Blue (72%)



Red (91%)

Yellow (89%)

Blue (72%)

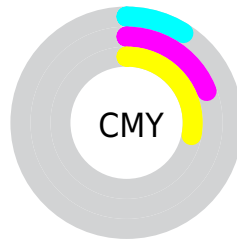


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (9%)



Cyan (9%)


Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7173, 0.3500, 0.3545 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 64.7173, 0.3500, 0.3545 by changing the saturation by 10% instead.


 64.7173, 0.3500,
0.3545

 64.7173, 0.3500,
0.3545

441.7754, 0.3323,
0.3427

 47.2319, 0.3542,
0.3572

 111.6433, 0.3438,
0.3504

 33.2190, 0.3593,
0.3605


141.8527, 0.3414,
0.3488

 22.2943, 0.3660,
0.3648


177.0722, 0.3393,
0.3474

 14.0733, 0.3748,
0.3703

217.6863, 0.3375,
0.3462

 8.1717, 0.3870,
0.3777

264.0792, 0.3360,
0.3452

 4.2050, 0.4051,
0.3881

316.6354, 0.3346,

 1.7889, 0.4363,

0.3442

0.4055

375.7394, 0.3334,
0.3434

0.4802, 0.5517,
0.4483

0.0000, 0.0000,
0.0000

64.7173, 0.3500,
0.3545

64.7173, 0.3500,
0.3545

58.1344, 0.3717,
0.3673

71.9296, 0.3310,
0.3421

52.1538, 0.3961,
0.3800

79.7800, 0.3144,
0.3302

46.7590, 0.4229,
0.3917

88.2881, 0.3000,
0.3192

41.9293, 0.4515,
0.4016

95.8925, 0.2987,
0.3290

■ 37.6425, 0.4807,
0.4082

■ 33.8744, 0.5086,
0.4103

■ 30.5977, 0.5334,
0.4070

■ 28.0617, 0.5519,
0.3999

Harmonies

Analogous

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



64.7173, 0.3509, 0.3397



64.7173, 0.3500, 0.3545



64.7173, 0.3389, 0.3630

Triad

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



64.7173, 0.3500, 0.3545



64.7173, 0.2848, 0.3344



64.7173, 0.3036, 0.2983

Complementary

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



64.7173, 0.3500, 0.3545



61.5053, 0.2795, 0.3021

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.



64.7173, 0.2866, 0.2961



64.7173, 0.3500, 0.3545



64.7173, 0.2760, 0.3163

Square

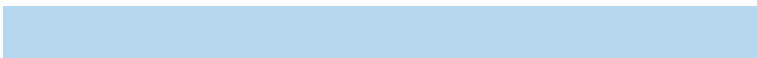
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.7173, 0.3500, 0.3545



64.7173, 0.3011, 0.3516



64.7173, 0.2766, 0.3025



64.7173, 0.3236, 0.3079

Rectangle

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



64.7173, 0.3500, 0.3545



64.7173, 0.3273, 0.3636



64.7173, 0.2766, 0.3025



64.7173, 0.2974, 0.2966

Sweetspot

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



64.7202, 0.3500, 0.3545



93.9818, 0.3223, 0.3360



55.6477, 0.3332, 0.3003



19.9795, 0.3234, 0.3368



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.



64.7202, 0.3500, 0.3545



76.8342, 0.3584, 0.3597



77.3612, 0.3448, 0.3799



15.4776, 0.3281, 0.3401



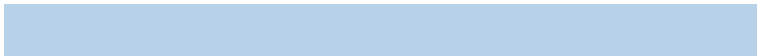
15.8293, 0.5493, 0.4020



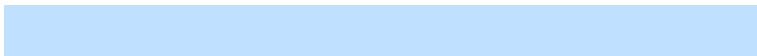
1.3544, 0.5255, 0.4210

Inverse Universe

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



61.5053, 0.2795, 0.3021



72.2236, 0.2729, 0.2962



50.4593, 0.2774, 0.2725



15.1472, 0.2981, 0.3177



11.3703, 0.1802, 0.1685



1.0259, 0.1872, 0.1938

Previews

White Background



This preview shows how the Yxy color 64.7173, 0.3500, 0.3545 looks on a white background.

Color Contrast Check

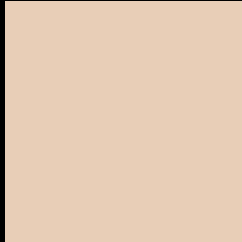
Large Text (above 18pt) WCAG AA × Fail

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 64.7173, 0.3500, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

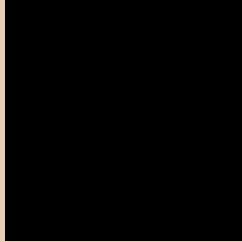
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

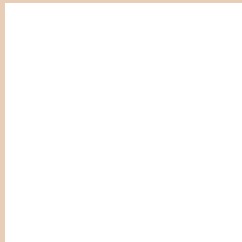
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7173, 0.3500, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 64.7173, 0.3500, 0.3545.



This preview shows how white text looks on a background with the Yxy color 64.7173, 0.3500, 0.3545.

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

64.7173, 0.3500, 0.3545

Protanopia

64.8116, 0.3382, 0.3575

Deuteranopia

64.8733, 0.3573, 0.3497



Tritanopia

64.6159, 0.3283, 0.3119

Trichromacy



Original Color

64.7173, 0.3500, 0.3545

Protanomaly

64.9089, 0.3423, 0.3572

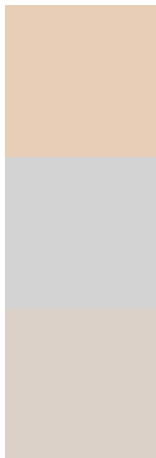
Deuteranomaly

64.8236, 0.3546, 0.3509

Tritanomaly

64.7818, 0.3363, 0.3269

Monochromacy



Original Color

64.7173, 0.3500, 0.3545

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.8780, 0.3260, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7173, 0.3500, 0.3545 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(232, 206, 183)` looks like.

```
.text, #text, p{  
    color:rgb(232, 206, 183)  
}
```

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(232, 206, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 206, 183) }
```

Border

The CSS property to change the border of an element to Yxy 64.7173, 0.3500, 0.3545 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(232, 206, 183) }
```

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

```
.border{ border-color:rgb(232, 206, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 206, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 206, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 206, 183);  
box-shadow:4px 4px 4px 4px rgb(232, 206,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7173, 0.3500, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 206, 183) }
```

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

```
.background{ background-color: rgb(232,  
206, 183) }
```

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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