

Converting Colors

$Yxy(58.4711, 0.3555, 0.3570)$

Have a look what the booklet for
Yxy(58.4711, 0.3555, 0.3570)
contains.

Yxy(58.4660, 0.3552, 0.3566)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4660, 0.3552, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	E1C4AC
RGB	225, 196, 172
RGB Percent	88%, 77%, 67%
CMY	0.1177, 0.2313, 0.3254
CMYK	0.00, 0.13, 0.24, 0.12
HSL	27°, 47%, 78%
HSV	27°, 24%, 88%
XYZ	58.2365, 58.4660, 47.2515
YIQ	201.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

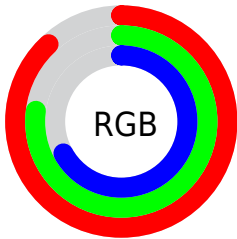
Format	Color
R _Y B	225, 216, 172
Decimal	14795948
CIE Lab	81.00, 6.58, 15.82
CIE LCh	81, 17.132, 67.404
Yxy	58.4660, 0.3552, 0.3566
Android (android.graphics.Color)	4292986028 (0xFFE1C4AC)
YUV	201.9350, -14.7580, 20.2280
Hunter-Lab	76.4631, 2.1404, 16.8850

Details

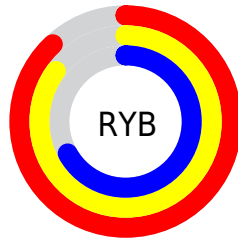
The Yxy color **58.4660, 0.3552, 0.3566** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.9799, 0.2757, 0.2997**, and the grayscale version is **59.1036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0566, 0.3294, 0.3543**, and **29.1371, 0.3660, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **52.3486, 0.3778, 0.3690**, and if you desaturate by 10%, it is **65.1907, 0.3354, 0.3445**.

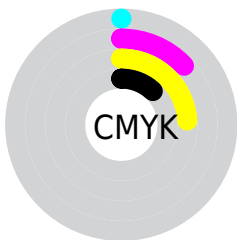
Distribution



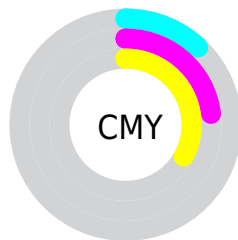
- Red (88%)
- Green (77%)
- Blue (67%)



- Red (88%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4660, 0.3552, 0.3566 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 58.4660, 0.3552, 0.3566 by changing the saturation by 10% instead.


 58.4660, 0.3552,
0.3566

 58.4660, 0.3552,
0.3566

418.9201, 0.3347,
0.3436

 42.1834, 0.3601,
0.3596


 102.6012, 0.3479,
0.3521

 29.2449, 0.3663,
0.3633


131.2225, 0.3451,
0.3503

 19.2662, 0.3743,
0.3681


164.7255, 0.3427,
0.3488

 11.8628, 0.3851,
0.3742

203.4947, 0.3407,
0.3475

 6.6503, 0.4003,
0.3826

247.9143, 0.3389,
0.3463

 3.2444, 0.4231,
0.3943

298.3688, 0.3373,

 1.2606, 0.4884,

0.3453

0.4357

355.2426, 0.3359,
0.3444

0.1104, 0.7064,
0.2936

0.0000, 0.0000,
0.0000

58.4660, 0.3552,
0.3566

58.4660, 0.3552,
0.3566

52.3486, 0.3778,
0.3690

65.1907, 0.3354,
0.3445

46.8122, 0.4031,
0.3811

72.5321, 0.3182,
0.3329

41.8403, 0.4309,
0.3921

80.5093, 0.3034,
0.3221

37.4122, 0.4604,
0.4009

88.6786, 0.2944,
0.3191

■ 33.5058, 0.4902,
0.4062

■ 94.7461, 0.2946,
0.3289

■ 30.0968, 0.5184,
0.4067

■ 27.1578, 0.5428,
0.4018

■ 25.4895, 0.5565,
0.3963

Harmonies

Analogous

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



58.4660, 0.3554, 0.3396



58.4660, 0.3552, 0.3566



58.4660, 0.3433, 0.3670

Triad

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



58.4660, 0.3552, 0.3566



58.4660, 0.2824, 0.3365



58.4660, 0.3009, 0.2941

Complementary

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



58.4660, 0.3552, 0.3566



55.9799, 0.2757, 0.2997

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.



58.4660, 0.2822, 0.2923



58.4660, 0.3552, 0.3566



58.4660, 0.2719, 0.3159

Square

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



58.4660, 0.3552, 0.3566



58.4660, 0.3011, 0.3556



58.4660, 0.2718, 0.2999



58.4660, 0.3234, 0.3044

Rectangle

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



58.4660, 0.3552, 0.3566



58.4660, 0.3306, 0.3682



58.4660, 0.2718, 0.2999



58.4660, 0.2940, 0.2925

Sweetspot

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



58.4687, 0.3552, 0.3566



92.8300, 0.3240, 0.3369



49.7406, 0.3353, 0.2959



19.7413, 0.3250, 0.3376



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.



58.4687, 0.3552, 0.3566



73.7839, 0.3653, 0.3624



71.4098, 0.3488, 0.3849



14.7179, 0.3281, 0.3397



14.9163, 0.5539, 0.3984



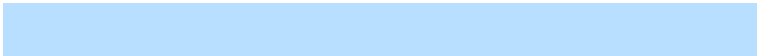
1.2110, 0.5280, 0.4190

Inverse Universe

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



55.9799, 0.2757, 0.2997



69.9559, 0.2682, 0.2931



44.7368, 0.2730, 0.2662



14.4799, 0.2981, 0.3181



11.5459, 0.1818, 0.1743



0.9786, 0.1890, 0.2002

Previews

White Background



This preview shows how the Yxy color 58.4660, 0.3552, 0.3566 looks on a white background.

Color Contrast Check

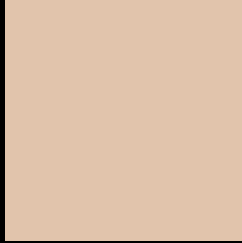
Large Text (above 18pt) WCAG AA × Fail

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 58.4660, 0.3552, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

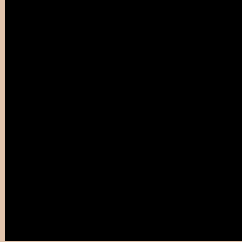
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4660, 0.3552, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 58.4660, 0.3552, 0.3566.



This preview shows how white text looks on a background with the Yxy color 58.4660, 0.3552, 0.3566.

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

58.4660, 0.3552, 0.3566

Protanopia

58.6782, 0.3408, 0.3611

Deuteranopia

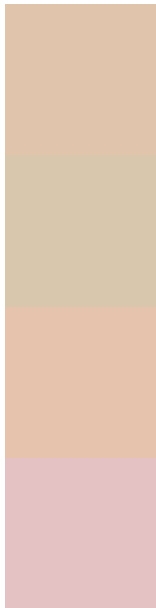
58.5511, 0.3608, 0.3539



Tritanopia

58.3758, 0.3323, 0.3124

Trichromacy



Original Color

58.4660, 0.3552, 0.3566

Protanomaly

58.4629, 0.3462, 0.3595

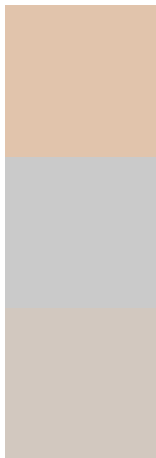
Deuteranomaly

58.6668, 0.3589, 0.3552

Tritanomaly

58.5290, 0.3407, 0.3280

Monochromacy



Original Color

58.4660, 0.3552, 0.3566

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7718, 0.3273, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4660, 0.3552, 0.3566 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(225, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 172)  
}
```

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(225, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 172) }
```

Border

The CSS property to change the border of an element to Yxy 58.4660, 0.3552, 0.3566 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(225, 196, 172) }
```

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

```
.border{ border-color:rgb(225, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 196, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 196, 172); box-shadow:4px 4px 4px 4px rgb(225, 196, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4660, 0.3552, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 172) }
```

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

```
.background{ background-color: rgb(225,  
196, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor