

Converting Colors

Yxy(58.1650, 0.3653, 0.3656)

Have a look what the booklet for
Yxy(58.1650, 0.3653, 0.3656)
contains.

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Color

Yxy(58.1685, 0.3653, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	E4C3A3
RGB	228, 195, 163
RGB Percent	89%, 76%, 64%
CMY	0.1059, 0.2353, 0.3608
CMYK	0.00, 0.14, 0.29, 0.11
HSL	30°, 55%, 77%
HSV	30°, 29%, 89%
XYZ	58.1208, 58.1685, 42.8149
YIQ	201.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

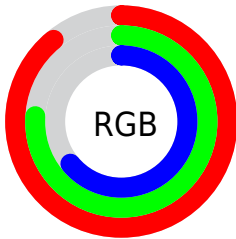
Format	Color
R _Y B	228, 226, 163
Decimal	14992291
CIE Lab	80.83, 7.01, 20.43
CIE LCh	81, 21.598, 71.057
Yxy	58.1685, 0.3653, 0.3656
Android (android.graphics.Color)	4293182371 (0xFFE4C3A3)
YUV	201.2190, -18.8420, 23.4869
Hunter-Lab	76.2683, 2.5577, 20.1040

Details

The Yxy color **58.1685, 0.3653, 0.3656** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8663, 0.2673, 0.2893**, and the grayscale version is **58.6582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9428, 0.3350, 0.3623**, and **28.9681, 0.3797, 0.3740** is the 20% darker color. If you saturate the color by 10%, you get **52.4389, 0.3885, 0.3789**, and if you desaturate by 10%, it is **64.4528, 0.3446, 0.3523**.

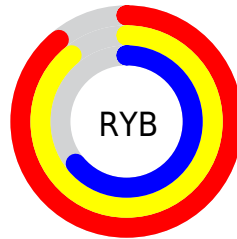
Distribution



Red (89%)

Green (76%)

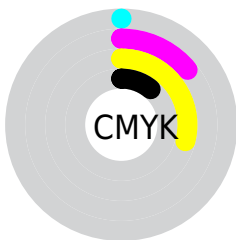
Blue (64%)



Red (89%)

Yellow (89%)

Blue (64%)

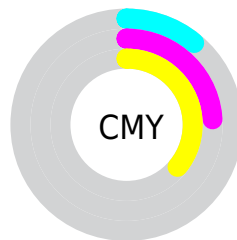


Cyan (0%)

Magenta (14%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (24%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1685, 0.3653, 0.3656 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 58.1685, 0.3653, 0.3656 by changing the saturation by 10% instead.


 58.1685, 0.3653,
0.3656

 58.1685, 0.3653,
0.3656


417.8135, 0.3399,
0.3484

 41.9441, 0.3713,
0.3695


 102.1682, 0.3563,
0.3596

 29.0575, 0.3789,
0.3744


 130.7123, 0.3528,
0.3573

 19.1244, 0.3887,
0.3805

164.1318, 0.3499,
0.3553

 11.7602, 0.4018,
0.3884

202.8110, 0.3473,
0.3536

 6.5806, 0.4200,
0.3989

247.1344, 0.3451,
0.3520

 3.2012, 0.4468,
0.4129

297.4864, 0.3432,

 1.2377, 0.5314,

0.3507

0.4686

354.2513, 0.3414,
0.3495

0.0921, 0.7374,
0.2626

0.0000, 0.0000,
0.0000

58.1685, 0.3653,
0.3656

58.1685, 0.3653,
0.3656

52.4389, 0.3885,
0.3789

64.4528, 0.3446,
0.3523

47.2390, 0.4141,
0.3916

71.3000, 0.3264,
0.3394

42.5534, 0.4415,
0.4026

78.7279, 0.3105,
0.3272

38.3628, 0.4695,
0.4107

86.7513, 0.2967,
0.3159

■ 34.6461, 0.4968,
0.4146

■ 93.8851, 0.2964,
0.3268

■ 31.3798, 0.5214,
0.4133

■ 95.2339, 0.2964,
0.3290

■ 28.5338, 0.5420,
0.4067

■ 28.1404, 0.5450,
0.4055

Harmonies

Analogous

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



58.1685, 0.3676, 0.3448



58.1685, 0.3653, 0.3656



58.1685, 0.3485, 0.3778

Triad

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



58.1685, 0.3653, 0.3656



58.1685, 0.2723, 0.3350



58.1685, 0.3010, 0.2865

Complementary

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



58.1685, 0.3653, 0.3656



52.8663, 0.2673, 0.2893

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.



58.1685, 0.2768, 0.2827



58.1685, 0.3653, 0.3656



58.1685, 0.2608, 0.3092

Square

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



58.1685, 0.3653, 0.3656



58.1685, 0.2946, 0.3604



58.1685, 0.2624, 0.2905



58.1685, 0.3295, 0.3004

Rectangle

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



58.1685, 0.3653, 0.3656



58.1685, 0.3317, 0.3785



58.1685, 0.2624, 0.2905



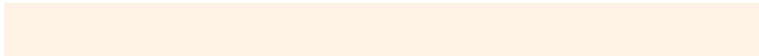
58.1685, 0.2921, 0.2840

Sweetspot

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



58.1712, 0.3653, 0.3656



91.4000, 0.3273, 0.3401



46.7013, 0.3434, 0.2910



19.2782, 0.3299, 0.3419



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.



58.1712, 0.3653, 0.3656



70.6817, 0.3782, 0.3732



74.0308, 0.3560, 0.3990



15.5340, 0.3280, 0.3406



16.4857, 0.5426, 0.4074



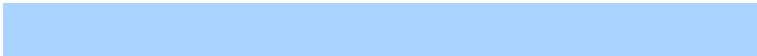
1.4038, 0.5198, 0.4255

Inverse Universe

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



52.8663, 0.2673, 0.2893



62.8202, 0.2580, 0.2800



39.9697, 0.2629, 0.2479



15.0905, 0.2981, 0.3171



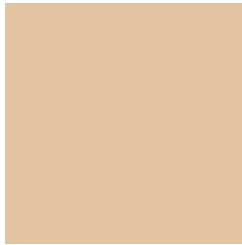
10.6501, 0.1780, 0.1607



0.9729, 0.1853, 0.1869

Previews

White Background



This preview shows how the Yxy color 58.1685, 0.3653, 0.3656 looks on a white background.

Color Contrast Check

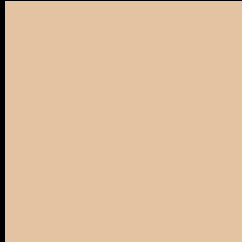
Large Text (above 18pt) WCAG AA × Fail

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 58.1685, 0.3653, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

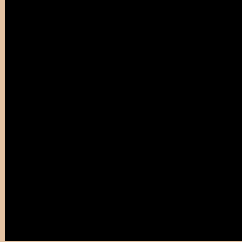
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1685, 0.3653, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 58.1685, 0.3653, 0.3656.



This preview shows how white text looks on a background with the Yxy color 58.1685, 0.3653, 0.3656.

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

58.1685, 0.3653, 0.3656

Protanopia

58.0588, 0.3480, 0.3695

Deuteranopia

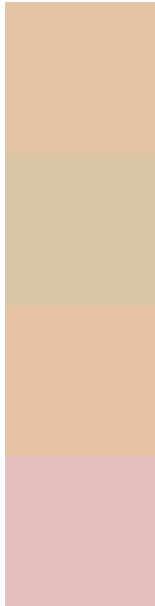
58.1079, 0.3702, 0.3629



Tritanopia

58.0785, 0.3374, 0.3126

Trichromacy



Original Color

58.1685, 0.3653, 0.3656

Protanomaly

58.0102, 0.3543, 0.3677

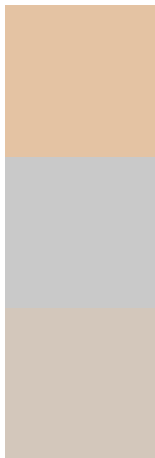
Deuteranomaly

58.2168, 0.3682, 0.3642

Tritanomaly

57.9247, 0.3476, 0.3313

Monochromacy



Original Color

58.1685, 0.3653, 0.3656

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2836, 0.3312, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1685, 0.3653, 0.3656 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, 195, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 195, 163)  
}
```

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, 195, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 195, 163) }
```

Border

The CSS property to change the border of an element to Yxy 58.1685, 0.3653, 0.3656 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, 195, 163) }
```

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

```
.border{ border-color:rgb(228, 195, 163) }
```

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

Here you see how a box with a 4 pixel rgb(228, 195, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 195, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 195, 163);  
box-shadow:4px 4px 4px 4px rgb(228, 195,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1685, 0.3653, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 195, 163) }
```

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

```
.background{ background-color: rgb(228,  
195, 163) }
```

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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