

Converting Colors

Yxy(58.6834, 0.3606, 0.3633)

Have a look what the booklet for
Yxy(58.6834, 0.3606, 0.3633)
contains.

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Color

Yxy(58.4386, 0.3601, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	E2C4A7
RGB	226, 196, 167
RGB Percent	89%, 77%, 65%
CMY	0.1136, 0.2314, 0.3451
CMYK	0.00, 0.13, 0.26, 0.11
HSL	29°, 50%, 77%
HSV	29°, 26%, 89%
XYZ	58.0837, 58.4386, 44.7766
YIQ	201.6640, 27.1890, -2.6590

Conversions

Conversions Part 2

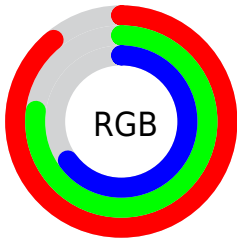
Format	Color
RYB	226, 224, 167
Decimal	14861479
CIELab	80.98, 6.28, 18.48
CIElCh	81, 19.519, 71.243
Yxy	58.4386, 0.3601, 0.3623
Android (android.graphics.Color)	4293051559 (0xFFE2C4A7)
YUV	201.6640, -17.0894, 21.3427
Hunter-Lab	76.4451, 1.8470, 18.7834

Details

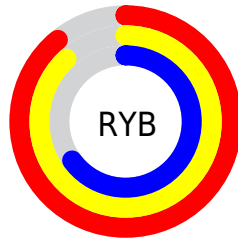
The Yxy color **58.4386, 0.3601, 0.3623** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6504, 0.2713, 0.2932**, and the grayscale version is **58.9408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7845, 0.3324, 0.3593**, and **29.1299, 0.3725, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **52.6875, 0.3827, 0.3757**, and if you desaturate by 10%, it is **64.7386, 0.3400, 0.3491**.

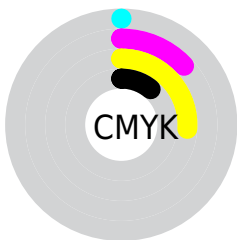
Distribution



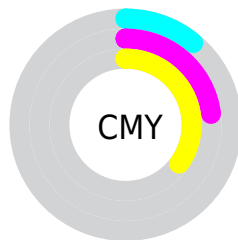
- Red (89%)
- Green (77%)
- Blue (65%)



- Red (89%)
- Yellow (88%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (11%)





- Cyan (11%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4386, 0.3601, 0.3623 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 58.4386, 0.3601, 0.3623 by changing the saturation by 10% instead.

 58.4386, 0.3601,
0.3623


 58.4386, 0.3601,
0.3623


418.8183, 0.3372,
0.3466

 42.1614, 0.3656,
0.3659


 102.5613, 0.3520,
0.3568

 29.2277, 0.3724,
0.3704


 131.1755, 0.3489,
0.3547

 19.2531, 0.3813,
0.3761


164.6709, 0.3462,
0.3529

 11.8533, 0.3931,
0.3835

203.4317, 0.3439,
0.3513

 6.6439, 0.4097,
0.3934

247.8425, 0.3419,
0.3499

 3.2404, 0.4343,
0.4070

298.2876, 0.3402,

 1.2585, 0.5205,

0.3487

0.4677

355.1514, 0.3386,
0.3476

0.1087, 0.7024,
0.2976

0.0000, 0.0000,
0.0000

58.4386, 0.3601,
0.3623

58.4386, 0.3601,
0.3623

52.6875, 0.3827,
0.3757

64.7386, 0.3400,
0.3491

47.4609, 0.4078,
0.3885

71.5952, 0.3224,
0.3364

42.7439, 0.4348,
0.4000

79.0258, 0.3070,
0.3245

38.5180, 0.4629,
0.4089

86.8888, 0.2950,
0.3158

■ 34.7627, 0.4905,
0.4139

■ 93.9490, 0.2952,
0.3274

■ 31.4558, 0.5160,
0.4139

■ 94.9122, 0.2952,
0.3289

■ 28.5713, 0.5375,
0.4084

■ 27.5519, 0.5452,
0.4053

Harmonies

Analogous

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



58.4386, 0.3622, 0.3436



58.4386, 0.3601, 0.3623



58.4386, 0.3450, 0.3730

Triad

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



58.4386, 0.3601, 0.3623



58.4386, 0.2761, 0.3344



58.4386, 0.3024, 0.2905

Complementary

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



58.4386, 0.3601, 0.3623



53.6504, 0.2713, 0.2932

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.



58.4386, 0.2803, 0.2870



58.4386, 0.3601, 0.3623



58.4386, 0.2657, 0.3112

Square

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



58.4386, 0.3601, 0.3623



58.4386, 0.2963, 0.3571



58.4386, 0.2672, 0.2942



58.4386, 0.3281, 0.3032

Rectangle

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



58.4386, 0.3601, 0.3623



58.4386, 0.3298, 0.3735



58.4386, 0.2672, 0.2942



58.4386, 0.2943, 0.2882

Sweetspot

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



58.4413, 0.3601, 0.3623



92.3120, 0.3256, 0.3388



47.8633, 0.3402, 0.2943



19.4608, 0.3282, 0.3407



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.



58.4413, 0.3601, 0.3623



72.8861, 0.3713, 0.3691



72.8331, 0.3523, 0.3931



14.8070, 0.3280, 0.3405



15.9516, 0.5427, 0.4073



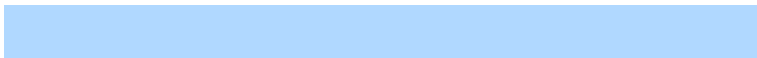
1.2846, 0.5187, 0.4263

Inverse Universe

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



53.6504, 0.2713, 0.2932



65.6386, 0.2629, 0.2851



41.7066, 0.2677, 0.2557



14.3902, 0.2981, 0.3172



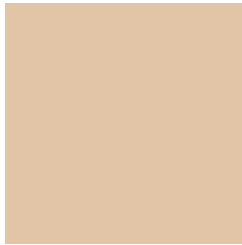
10.3612, 0.1781, 0.1613



0.8973, 0.1858, 0.1888

Previews

White Background



This preview shows how the Yxy color 58.4386, 0.3601, 0.3623 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 58.4386, 0.3601, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

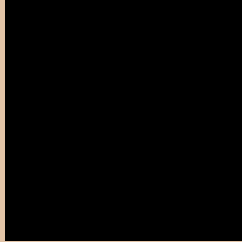
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4386, 0.3601, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 58.4386, 0.3601, 0.3623.



This preview shows how white text looks on a background with the Yxy color 58.4386, 0.3601, 0.3623.

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

58.4386, 0.3601, 0.3623

Protanopia

58.6349, 0.3455, 0.3670

Deuteranopia

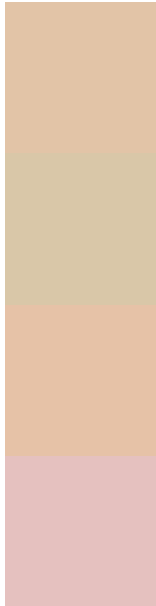
58.0858, 0.3661, 0.3584



Tritanopia

58.6583, 0.3347, 0.3136

Trichromacy



Original Color

58.4386, 0.3601, 0.3623

Protanomaly

58.4257, 0.3509, 0.3654

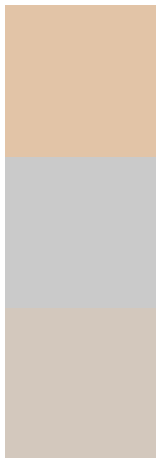
Deuteranomaly

58.1966, 0.3641, 0.3597

Tritanomaly

58.5595, 0.3439, 0.3313

Monochromacy



Original Color

58.4386, 0.3601, 0.3623

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8316, 0.3296, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4386, 0.3601, 0.3623 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(226, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 167)  
}
```

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(226, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 167) }
```

Border

The CSS property to change the border of an element to Yxy 58.4386, 0.3601, 0.3623 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(226, 196, 167) }
```

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

```
.border{ border-color:rgb(226, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 196, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 196, 167); box-shadow:4px 4px 4px 4px rgb(226, 196, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4386, 0.3601, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 167) }
```

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

```
.background{ background-color: rgb(226,  
196, 167) }
```

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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