

Converting Colors

Yxy(67.4764, 0.3617, 0.3820)

Have a look what the booklet for
Yxy(67.4764, 0.3617, 0.3820)
contains.

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Color

Yxy(67.4609, 0.3617, 0.3820)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8D5A5 |
| RGB | 232, 213, 165 |
| RGB Percent | 91%, 84%, 65% |
| CMY | 0.0900, 0.1647, 0.3528 |
| CMYK | 0.00, 0.08, 0.29, 0.09 |
| HSL | 43°, 59%, 78% |
| HSV | 43°, 29%, 91% |
| XYZ | 63.8759, 67.4609, 45.2624 |
| YIQ | 213.2090, 26.7320, -10.9000 |

Conversions

Conversions Part 2

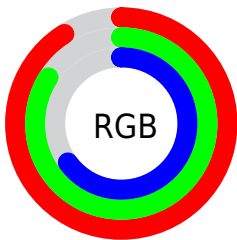
| Format | Color |
|-------------------------------------|--|
| RYB | 192, 232, 165 |
| Decimal | 15259045 |
| CIELab | 85.74, -0.56, 26.14 |
| CIELCh | 86, 26.149, 91.219 |
| Yxy | 67.4609, 0.3617, 0.3820 |
| Android (android.graphics.Color) | 4293449125 (0xFFE8D5A5) |
| YUV | 213.2090, -23.7670, 16.4797 |
| Hunter-Lab | 82.1346, -4.9164, 24.8209 |

Details

The Yxy color **67.4609, 0.3617, 0.3820** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.1423, 0.2646, 0.2696**, and the grayscale version is **66.8412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **34.8761, 0.3737, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **63.4431, 0.3810, 0.4006**, and if you desaturate by 10%, it is **71.7731, 0.3435, 0.3632**.

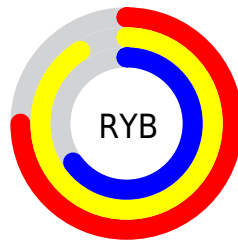
Distribution



Red (91%)

Green (84%)

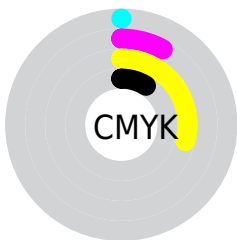
Blue (65%)



Red (75%)

Yellow (91%)

Blue (65%)

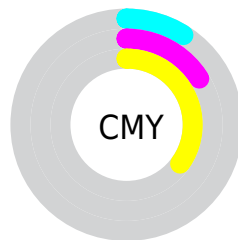


Cyan (0%)

Magenta (8%)

Yellow (29%)

Black (9%)



Cyan (9%)


Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4609, 0.3617, 0.3820 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 67.4609, 0.3617, 0.3820 by changing the saturation by 10% instead.


 67.4609, 0.3617,
0.3820

 67.4609, 0.3617,
0.3820


451.5836, 0.3389,
0.3573

 49.4593, 0.3669,
0.3876

 115.5806, 0.3538,
0.3734

 34.9839, 0.3733,
0.3946


 146.4674, 0.3507,
0.3701

 23.6505, 0.3813,
0.4033


182.4182, 0.3481,
0.3672

 15.0746, 0.3916,
0.4146

223.8171, 0.3458,
0.3647

 8.8717, 0.4052,
0.4295

271.0488, 0.3437,
0.3625

 4.6576, 0.4237,
0.4499

324.4975, 0.3419,

 2.0478, 0.4760,

0.3606

0.5069

384.5476, 0.3403,
0.3588

0.6350, 0.4816,
0.5184

0.0000, 0.0000,
0.0000

67.4609, 0.3617,
0.3820

67.4609, 0.3617,
0.3820

63.4431, 0.3810,
0.4006

71.7731, 0.3435,
0.3632

59.7007, 0.4008,
0.4182

76.3797, 0.3265,
0.3447

56.2259, 0.4204,
0.4338

81.2925, 0.3111,
0.3271

53.0072, 0.4390,
0.4461

86.3354, 0.2987,
0.3133

■ 50.0312, 0.4556,
0.4543

■ 90.2765, 0.2987,
0.3200

■ 47.2827, 0.4694,
0.4576

■ 94.3602, 0.2988,
0.3265

■ 44.7393, 0.4802,
0.4562

■ 95.9027, 0.2988,
0.3290

■ 44.4644, 0.4814,
0.4560

Harmonies

Analogous

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



67.4609, 0.3762, 0.3636



67.4609, 0.3617, 0.3820



67.4609, 0.3342, 0.3864

Triad

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



67.4609, 0.3617, 0.3820



67.4609, 0.2560, 0.3151



67.4609, 0.3212, 0.2900

Complementary

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



67.4609, 0.3617, 0.3820



48.1423, 0.2646, 0.2696

Split Complementary

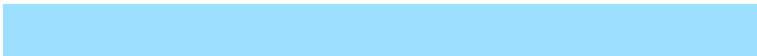
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.4609, 0.2891, 0.2776



67.4609, 0.3617, 0.3820



67.4609, 0.2528, 0.2903

Square

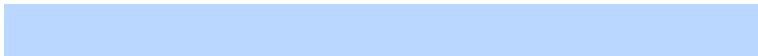
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.4609, 0.3617, 0.3820



67.4609, 0.2735, 0.3461



67.4609, 0.2646, 0.2773



67.4609, 0.3523, 0.3116

Rectangle

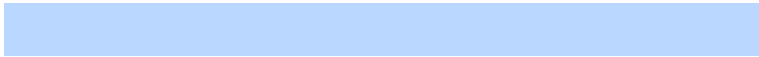
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.4609, 0.3617, 0.3820



67.4609, 0.3127, 0.3794



67.4609, 0.2646, 0.2773



67.4609, 0.3101, 0.2847

Sweetspot

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



67.4640, 0.3617, 0.3820



94.5170, 0.3268, 0.3450



47.5898, 0.3574, 0.3064



20.0471, 0.3292, 0.3477



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.



67.4640, 0.3617, 0.3820



80.3917, 0.3737, 0.3938



75.4578, 0.3464, 0.4036



16.0884, 0.3275, 0.3457



24.8998, 0.4801, 0.4570



1.9962, 0.4692, 0.4656

Inverse Universe

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



48.1423, 0.2646, 0.2696



52.6141, 0.2530, 0.2542



42.2630, 0.2721, 0.2474



14.5510, 0.2981, 0.3117



5.5795, 0.1602, 0.0965



0.5666, 0.1681, 0.1251

Previews

White Background



This preview shows how the Yxy color 67.4609, 0.3617, 0.3820 looks on a white background.

Color Contrast Check

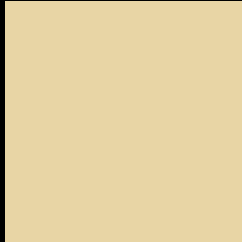
Large Text (above 18pt) WCAG AA × Fail

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 67.4609, 0.3617, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

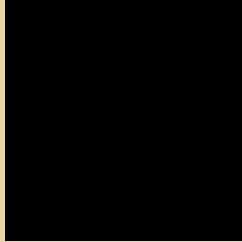
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4609, 0.3617, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 67.4609, 0.3617, 0.3820.

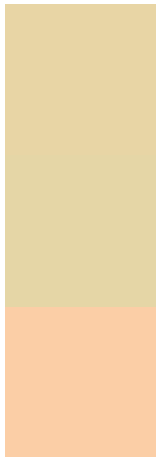


This preview shows how white text looks on a background with the Yxy color 67.4609, 0.3617, 0.3820.

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

67.4609, 0.3617, 0.3820

Protanopia

67.5043, 0.3583, 0.3824

Deuteranopia

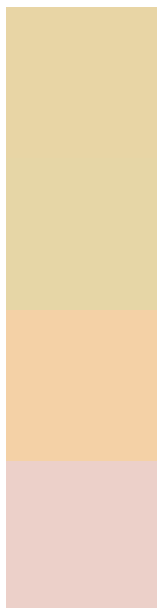
67.4050, 0.3785, 0.3712



Tritanopia

67.2338, 0.3272, 0.3122

Trichromacy



Original Color

67.4609, 0.3617, 0.3820

Protanomaly

67.6693, 0.3591, 0.3823

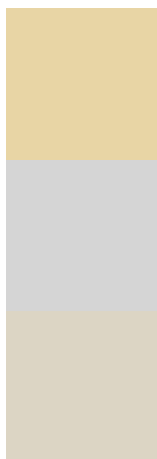
Deuteranomaly

67.5872, 0.3718, 0.3751

Tritanomaly

67.1617, 0.3393, 0.3366

Monochromacy



Original Color

67.4609, 0.3617, 0.3820

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7897, 0.3298, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4609, 0.3617, 0.3820 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, 213, 165)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 165)  
}
```

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, 213, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 165) }
```

Border

The CSS property to change the border of an element to Yxy 67.4609, 0.3617, 0.3820 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, 213, 165) }
```

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

```
.border{ border-color:rgb(232, 213, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 213, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4609, 0.3617, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 165) }
```

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

```
.background{ background-color: rgb(232,  
213, 165) }
```

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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