

Converting Colors

Yxy(65.4046, 0.3624, 0.3738)

Have a look what the booklet for
Yxy(65.4046, 0.3624, 0.3738)
contains.

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Color

Yxy(65.4313, 0.3625, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	EAD0A8
RGB	234, 208, 168
RGB Percent	92%, 82%, 66%
CMY	0.0824, 0.1843, 0.3411
CMYK	0.00, 0.11, 0.28, 0.08
HSL	36°, 61%, 79%
HSV	36°, 28%, 92%
XYZ	63.5553, 65.4313, 46.3384
YIQ	211.2140, 28.3360, -6.9280

Conversions

Conversions Part 2

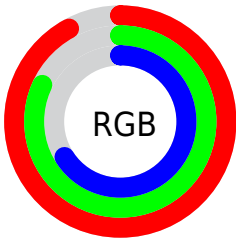
Format	Color
R _Y B	211, 234, 168
Decimal	15388840
CIE Lab	84.71, 3.15, 23.19
CIE LCh	85, 23.406, 82.259
Yxy	65.4313, 0.3625, 0.3732
Android (android.graphics.Color)	4293578920 (0xFFEAD0A8)
YUV	211.2140, -21.3045, 19.9833
Hunter-Lab	80.8896, -1.3086, 22.6579

Details

The Yxy color **65.4313, 0.3625, 0.3732** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8574, 0.2668, 0.2803**, and the grayscale version is **65.4220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **33.7193, 0.3738, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **60.2738, 0.3836, 0.3894**, and if you desaturate by 10%, it is **71.0129, 0.3431, 0.3570**.

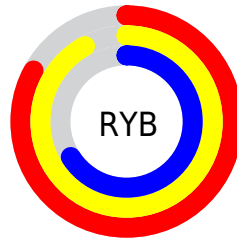
Distribution



Red (92%)

Green (82%)

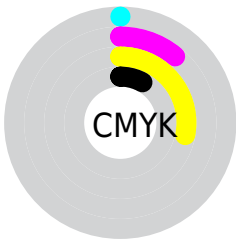
Blue (66%)



Red (83%)

Yellow (92%)

Blue (66%)

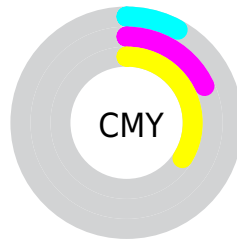


Cyan (0%)

Magenta (11%)

Yellow (28%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4313, 0.3625, 0.3732 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 65.4313, 0.3625, 0.3732 by changing the saturation by 10% instead.

 65.4313, 0.3625,
0.3732

 65.4313, 0.3625,
0.3732

444.3403, 0.3390,
0.3526

 47.8109, 0.3679,
0.3779


 112.6697, 0.3543,
0.3661

 33.6772, 0.3746,
0.3836


 143.0565, 0.3511,
0.3633

 22.6457, 0.3832,
0.3909


178.4675, 0.3484,
0.3609

 14.3321, 0.3943,
0.4002

219.2872, 0.3460,
0.3588

 8.3520, 0.4093,
0.4125

265.8999, 0.3440,
0.3570

 4.3210, 0.4304,
0.4293

318.6901, 0.3421,

 1.8547, 0.4854,

0.3554

0.4758

378.0421, 0.3405,
0.3539

■ 0.5209, 0.5234,
0.4766

■ 0.0000, 0.0000,
0.0000

■ 65.4313, 0.3625,
0.3732

■ 65.4313, 0.3625,
0.3732

■ 60.2738, 0.3836,
0.3894

■ 71.0129, 0.3431,
0.3570

■ 55.5187, 0.4062,
0.4047

■ 77.0218, 0.3256,
0.3413

■ 51.1553, 0.4294,
0.4183

■ 83.4724, 0.3100,
0.3264

■ 47.1686, 0.4525,
0.4289

■ 89.9416, 0.2999,
0.3189

■ 43.5423, 0.4743,
0.4354

■ 95.6549, 0.2999,
0.3281

■ 40.2579, 0.4933,
0.4367

■ 96.2310, 0.2999,
0.3290

■ 37.2907, 0.5090,
0.4329

■ 36.7822, 0.5117,
0.4319

Harmonies

Analogous

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



65.4313, 0.3710, 0.3541



65.4313, 0.3625, 0.3732



65.4313, 0.3405, 0.3812

Triad

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



65.4313, 0.3625, 0.3732



65.4313, 0.2647, 0.3247



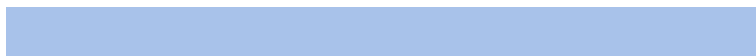
65.4313, 0.3115, 0.2891

Complementary

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



65.4313, 0.3625, 0.3732



52.8574, 0.2668, 0.2803

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.



65.4313, 0.2837, 0.2810



65.4313, 0.3625, 0.3732



65.4313, 0.2577, 0.2999

Square

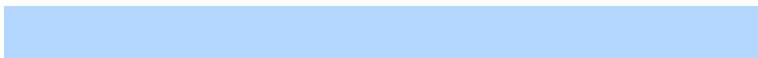
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4313, 0.3625, 0.3732



65.4313, 0.2842, 0.3525



65.4313, 0.2645, 0.2844



65.4313, 0.3408, 0.3067

Rectangle

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



65.4313, 0.3625, 0.3732



65.4313, 0.3216, 0.3781



65.4313, 0.2645, 0.2844



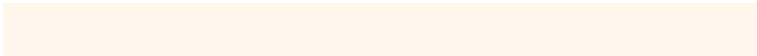
65.4313, 0.3017, 0.2852

Sweetspot

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



65.4343, 0.3625, 0.3732



93.7345, 0.3254, 0.3411



49.4203, 0.3500, 0.2997



19.8192, 0.3279, 0.3434



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.



65.4343, 0.3625, 0.3732



75.7301, 0.3749, 0.3829



78.0644, 0.3504, 0.4006



16.5732, 0.3278, 0.3433



20.9233, 0.5098, 0.4334



1.8296, 0.4939, 0.4460

Inverse Universe

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



52.8574, 0.2668, 0.2803



58.0321, 0.2564, 0.2682



43.0262, 0.2682, 0.2485



15.5224, 0.2980, 0.3143



7.8857, 0.1680, 0.1248



0.8020, 0.1756, 0.1522

Previews

White Background



This preview shows how the Yxy color 65.4313, 0.3625, 0.3732 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 65.4313, 0.3625, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

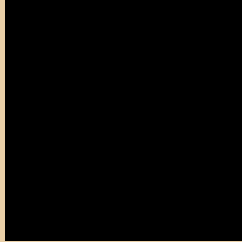
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4313, 0.3625, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 65.4313, 0.3625, 0.3732.



This preview shows how white text looks on a background with the Yxy color 65.4313, 0.3625, 0.3732.

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

65.4313, 0.3625, 0.3732

Protanopia

65.4984, 0.3530, 0.3753

Deuteranopia

65.3506, 0.3739, 0.3654



Tritanopia

65.3083, 0.3314, 0.3121

Trichromacy



Original Color

65.4313, 0.3625, 0.3732

Protanomaly

65.4517, 0.3564, 0.3750

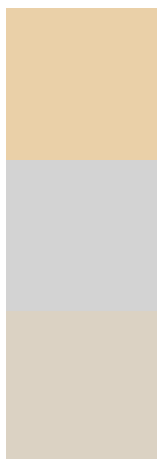
Deuteranomaly

65.4045, 0.3692, 0.3680

Tritanomaly

65.4864, 0.3430, 0.3345

Monochromacy



Original Color

65.4313, 0.3625, 0.3732

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0934, 0.3302, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4313, 0.3625, 0.3732 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(234, 208, 168)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 168)  
}
```

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(234, 208, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 168) }
```

Border

The CSS property to change the border of an element to Yxy 65.4313, 0.3625, 0.3732 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(234, 208, 168) }
```

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

```
.border{ border-color:rgb(234, 208, 168) }
```

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

Here you see how a box with a 4 pixel rgb(234, 208, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 168);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4313, 0.3625, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 168) }
```

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

```
.background{ background-color: rgb(234,  
208, 168) }
```

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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