

Converting Colors

Yxy(66.4150, 0.3607, 0.3713)

Have a look what the booklet for
Yxy(66.4150, 0.3607, 0.3713)
contains.

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Color

Yxy(66.2034, 0.3608, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	EBD1AB
RGB	235, 209, 171
RGB Percent	92%, 82%, 67%
CMY	0.0784, 0.1804, 0.3293
CMYK	0.00, 0.11, 0.27, 0.08
HSL	36°, 62%, 80%
HSV	36°, 27%, 92%
XYZ	64.4180, 66.2034, 47.9207
YIQ	212.4420, 27.6940, -6.3060

Conversions

Conversions Part 2

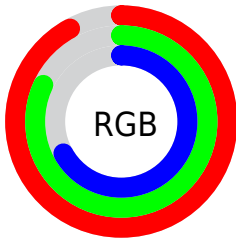
Format	Color
R _{YB}	215, 235, 171
Decimal	15454635
CIE Lab	85.10, 3.42, 22.18
CIE LCh	85, 22.442, 81.232
Yxy	66.2034, 0.3608, 0.3708
Android (android.graphics.Color)	4293644715 (0xFFEBD1AB)
YUV	212.4420, -20.4309, 19.7834
Hunter-Lab	81.3655, -1.0691, 22.0366

Details

The Yxy color **66.2034, 0.3608, 0.3708** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.6104, 0.2685, 0.2832**, and the grayscale version is **66.2765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **34.2396, 0.3714, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **60.8392, 0.3820, 0.3867**, and if you desaturate by 10%, it is **72.0143, 0.3415, 0.3549**.

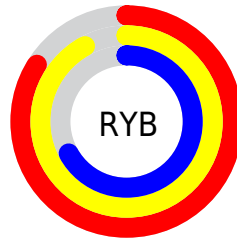
Distribution



Red (92%)

Green (82%)

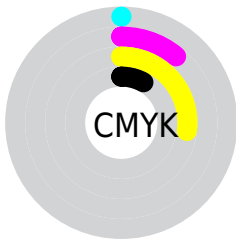
Blue (67%)



Red (84%)

Yellow (92%)

Blue (67%)

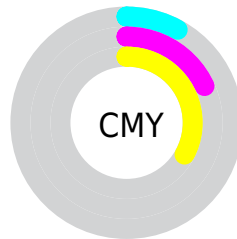


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2034, 0.3608, 0.3708 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 66.2034, 0.3608, 0.3708 by changing the saturation by 10% instead.


 66.2034, 0.3608,
0.3708

 66.2034, 0.3608,
0.3708


447.1040, 0.3382,
0.3514

 48.4375, 0.3660,
0.3752


 113.7782, 0.3529,
0.3641

 34.1735, 0.3725,
0.3806

144.3560, 0.3498,
0.3615

 23.0269, 0.3807,
0.3875


179.9731, 0.3472,
0.3592

 14.6134, 0.3915,
0.3962

221.0141, 0.3449,
0.3572

 8.5485, 0.4060,
0.4079

267.8633, 0.3429,
0.3555

 4.4479, 0.4266,
0.4238

320.9050, 0.3412,

 1.9271, 0.4735,

0.3540

0.4619

380.5238, 0.3396,
0.3526

■ 0.5646, 0.5234,
0.4766

■ 0.0000, 0.0000,
0.0000

■ 66.2034, 0.3608,
0.3708

■ 66.2034, 0.3608,
0.3708

■ 60.8392, 0.3820,
0.3867

■ 72.0143, 0.3415,
0.3549

■ 55.8992, 0.4047,
0.4019

■ 78.2753, 0.3241,
0.3396

■ 51.3722, 0.4284,
0.4154

■ 85.0014, 0.3086,
0.3251

■ 47.2429, 0.4521,
0.4261

■ 91.5412, 0.3006,
0.3213

■ 43.4943, 0.4746,
0.4327

■ 96.4053, 0.3005,
0.3290

■ 40.1074, 0.4946,
0.4343

■ 37.0586, 0.5111,
0.4306

■ 36.2655, 0.5154,
0.4290

Harmonies

Analogous

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



66.2034, 0.3683, 0.3523



66.2034, 0.3608, 0.3708



66.2034, 0.3402, 0.3787

Triad

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



66.2034, 0.3608, 0.3708



66.2034, 0.2673, 0.3259



66.2034, 0.3106, 0.2904

Complementary

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



66.2034, 0.3608, 0.3708



54.6104, 0.2685, 0.2832

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.



66.2034, 0.2842, 0.2829



66.2034, 0.3608, 0.3708



66.2034, 0.2601, 0.3019

Square

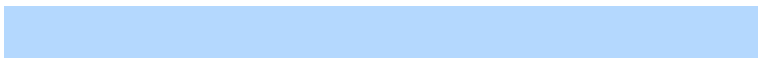
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2034, 0.3608, 0.3708



66.2034, 0.2863, 0.3523



66.2034, 0.2661, 0.2867



66.2034, 0.3387, 0.3070

Rectangle

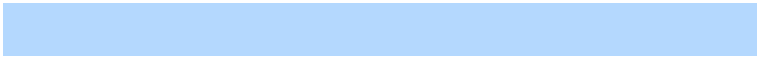
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2034, 0.3608, 0.3708



66.2034, 0.3223, 0.3761



66.2034, 0.2661, 0.2867



66.2034, 0.3013, 0.2868

Sweetspot

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



66.2064, 0.3608, 0.3708



93.5768, 0.3254, 0.3408



50.8616, 0.3474, 0.2995



19.7794, 0.3279, 0.3431



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.



66.2064, 0.3608, 0.3708



75.7948, 0.3731, 0.3802



79.1393, 0.3499, 0.3979



16.5402, 0.3278, 0.3430



20.4370, 0.5134, 0.4305



1.7930, 0.4969, 0.4437

Inverse Universe

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



54.6104, 0.2685, 0.2832



59.5541, 0.2583, 0.2715



44.4041, 0.2692, 0.2514



15.5545, 0.2980, 0.3146



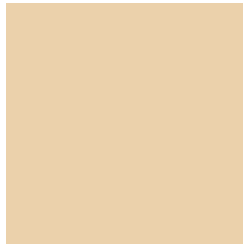
8.1840, 0.1690, 0.1285



0.8273, 0.1766, 0.1558

Previews

White Background



This preview shows how the Yxy color 66.2034, 0.3608, 0.3708 looks on a white background.

Color Contrast Check

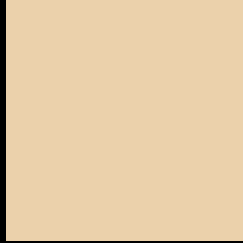
Large Text (above 18pt) WCAG AA × Fail

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 66.2034, 0.3608, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

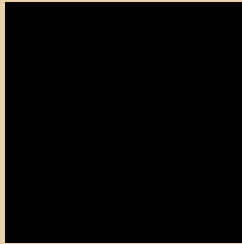
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2034, 0.3608, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 66.2034, 0.3608, 0.3708.



This preview shows how white text looks on a background with the Yxy color 66.2034, 0.3608, 0.3708.

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

66.2034, 0.3608, 0.3708

Protanopia

66.1116, 0.3505, 0.3729

Deuteranopia

65.9384, 0.3713, 0.3632



Tritanopia

66.0038, 0.3313, 0.3122

Trichromacy



Original Color

66.2034, 0.3608, 0.3708

Protanomaly

66.2251, 0.3547, 0.3725

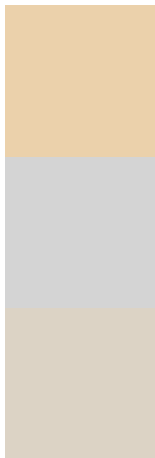
Deuteranomaly

66.1759, 0.3674, 0.3657

Tritanomaly

66.2304, 0.3421, 0.3334

Monochromacy



Original Color

66.2034, 0.3608, 0.3708

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8354, 0.3294, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2034, 0.3608, 0.3708 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(235, 209, 171)` looks like.

```
.text, #text, p{  
    color:rgb(235, 209, 171)  
}
```

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(235, 209, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 209, 171) }
```

Border

The CSS property to change the border of an element to Yxy 66.2034, 0.3608, 0.3708 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(235, 209, 171) }
```

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

```
.border{ border-color:rgb(235, 209, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 209, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 209, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 209, 171);  
box-shadow:4px 4px 4px 4px rgb(235, 209,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2034, 0.3608, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 209, 171) }
```

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

```
.background{ background-color: rgb(235,  
209, 171) }
```

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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