

Converting Colors

$Yxy(66.3051, 0.3609, 0.3630)$

Have a look what the booklet for
Yxy(66.3051, 0.3609, 0.3630)
contains.

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Color

Yxy(66.1110, 0.3608, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	EFCFB0
RGB	239, 207, 176
RGB Percent	94%, 81%, 69%
CMY	0.0627, 0.1882, 0.3098
CMYK	0.00, 0.13, 0.26, 0.06
HSL	30°, 66%, 81%
HSV	30°, 26%, 94%
XYZ	65.7466, 66.1110, 50.3668
YIQ	213.0340, 29.0230, -2.8570

Conversions

Conversions Part 2

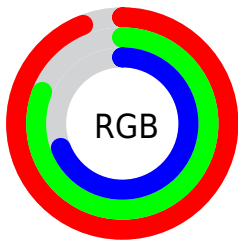
Format	Color
R_{YB}	239, 237, 176
Decimal	15716272
CIE _{Lab}	85.05, 6.62, 19.55
CIE _{LCh}	85, 20.644, 71.288
Yxy	66.1110, 0.3608, 0.3628
Android (android.graphics.Color)	4293906352 (0xFFEFCFB0)
YUV	213.0340, -18.2578, 22.7722
Hunter-Lab	81.3087, 2.0457, 20.1888

Details

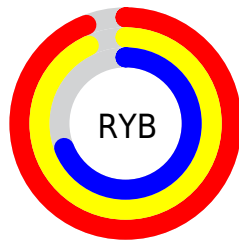
The Yxy color **66.1110, 0.3608, 0.3628** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.5716, 0.2707, 0.2926**, and the grayscale version is **66.6752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **34.1576, 0.3726, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **59.5922, 0.3836, 0.3762**, and if you desaturate by 10%, it is **73.2546, 0.3406, 0.3495**.

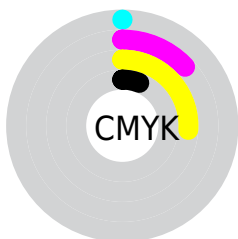
Distribution



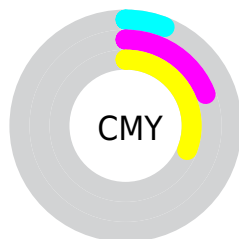
- Red (94%)
- Green (81%)
- Blue (69%)



- Red (94%)
- Yellow (93%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1110, 0.3608, 0.3628 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 66.1110, 0.3608, 0.3628 by changing the saturation by 10% instead.


 66.1110, 0.3608,
0.3628

 66.1110, 0.3608,
0.3628

446.7738, 0.3381,
0.3472

 48.3625, 0.3661,
0.3663


 113.6456, 0.3528,
0.3574

 34.1141, 0.3727,
0.3706


144.2006, 0.3498,
0.3553

 22.9812, 0.3810,
0.3760


179.7931, 0.3471,
0.3535

 14.5797, 0.3921,
0.3829

220.8077, 0.3448,
0.3519

 8.5249, 0.4072,
0.3919

267.6286, 0.3428,
0.3506

 4.4326, 0.4289,
0.4042

320.6403, 0.3411,

 1.9184, 0.4711,

0.3493

0.4288

380.2273, 0.3395,
0.3482

0.5594, 0.5535,
0.4465

0.0000, 0.0000,
0.0000

66.1110, 0.3608,
0.3628

66.1110, 0.3608,
0.3628

59.5922, 0.3836,
0.3762

73.2546, 0.3406,
0.3495

53.6703, 0.4088,
0.3891

81.0317, 0.3228,
0.3367

48.3284, 0.4359,
0.4005

89.4626, 0.3073,
0.3247

43.5449, 0.4640,
0.4093

97.0915, 0.3029,
0.3290

■ 39.2967, 0.4917,
0.4142

■ 35.5580, 0.5170,
0.4139

■ 32.2990, 0.5384,
0.4081

■ 31.2199, 0.5454,
0.4051

Harmonies

Analogous

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



66.1110, 0.3630, 0.3438



66.1110, 0.3608, 0.3628



66.1110, 0.3454, 0.3737

Triad

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



66.1110, 0.3608, 0.3628



66.1110, 0.2756, 0.3344



66.1110, 0.3023, 0.2900

Complementary

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



66.1110, 0.3608, 0.3628



60.5716, 0.2707, 0.2926

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.



66.1110, 0.2799, 0.2864



66.1110, 0.3608, 0.3628



66.1110, 0.2650, 0.3108

Square

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



66.1110, 0.3608, 0.3628



66.1110, 0.2960, 0.3575



66.1110, 0.2665, 0.2936



66.1110, 0.3284, 0.3028

Rectangle

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



66.1110, 0.3608, 0.3628



66.1110, 0.3300, 0.3742



66.1110, 0.2665, 0.2936



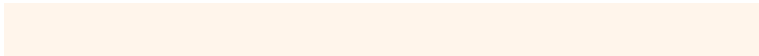
66.1110, 0.2941, 0.2876

Sweetspot

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



66.1140, 0.3608, 0.3628



92.3220, 0.3256, 0.3388



53.9818, 0.3406, 0.2938



19.4633, 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.



66.1140, 0.3608, 0.3628



72.1626, 0.3736, 0.3705



82.6086, 0.3528, 0.3939



17.0435, 0.3281, 0.3406



17.5136, 0.5429, 0.4071



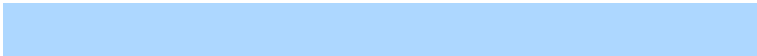
1.6557, 0.5224, 0.4234

Inverse Universe

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



60.5716, 0.2707, 0.2926



64.6701, 0.2613, 0.2833



46.9244, 0.2671, 0.2547



16.5559, 0.2980, 0.3171



11.3154, 0.1779, 0.1605



1.1405, 0.1845, 0.1840

Previews

White Background



This preview shows how the Yxy color 66.1110, 0.3608, 0.3628 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 66.1110, 0.3608, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

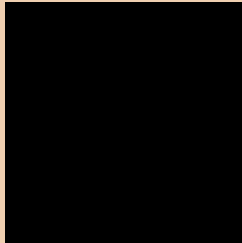
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1110, 0.3608, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 66.1110, 0.3608, 0.3628.



This preview shows how white text looks on a background with the Yxy color 66.1110, 0.3608, 0.3628.

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

66.1110, 0.3608, 0.3628

Protanopia

66.1486, 0.3461, 0.3673

Deuteranopia

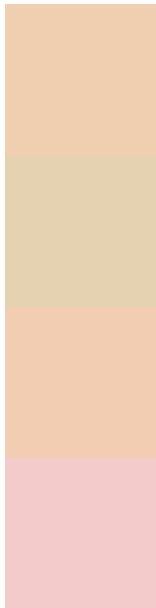
65.9529, 0.3665, 0.3579



Tritanopia

66.0161, 0.3345, 0.3123

Trichromacy



Original Color

66.1110, 0.3608, 0.3628

Protanomaly

65.9255, 0.3512, 0.3658

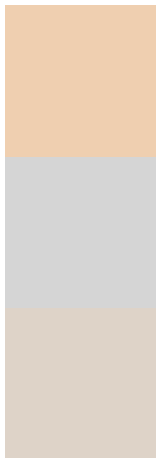
Deuteranomaly

65.8917, 0.3638, 0.3592

Tritanomaly

65.8534, 0.3441, 0.3302

Monochromacy



Original Color

66.1110, 0.3608, 0.3628

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2883, 0.3287, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1110, 0.3608, 0.3628 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(239, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(239, 207, 176)  
}
```

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(239, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 207, 176) }
```

Border

The CSS property to change the border of an element to Yxy 66.1110, 0.3608, 0.3628 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(239, 207, 176) }
```

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

```
.border{ border-color:rgb(239, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(239, 207,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1110, 0.3608, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 207, 176) }
```

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

```
.background{ background-color: rgb(239,  
207, 176) }
```

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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