

Converting Colors

$Yxy(66.7410, 0.3458, 0.3497)$

Have a look what the booklet for
Yxy(66.7410, 0.3458, 0.3497)
contains.

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Color

Yxy(66.8111, 0.3457, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	EAD1BE
RGB	234, 209, 190
RGB Percent	92%, 82%, 75%
CMY	0.0826, 0.1803, 0.2550
CMYK	0.00, 0.11, 0.19, 0.08
HSL	26°, 51%, 83%
HSV	26°, 19%, 92%
XYZ	66.0091, 66.8111, 58.1232
YIQ	214.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

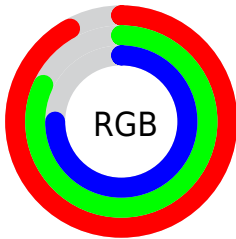
Format	Color
RYB	234, 223, 190
Decimal	15389118
CIELab	85.41, 5.68, 12.60
CIElCh	85, 13.822, 65.743
Yxy	66.8111, 0.3457, 0.3499
Android (android.graphics.Color)	4293579198 (0xFFEAD1BE)
YUV	214.3090, -11.9843, 17.2690
Hunter-Lab	81.7381, 1.1095, 15.0561

Details

The Yxy color **66.8111, 0.3457, 0.3499** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4279, 0.2833, 0.3072**, and the grayscale version is **67.5325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **34.7138, 0.3536, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **59.6339, 0.3672, 0.3617**, and if you desaturate by 10%, it is **74.6998, 0.3270, 0.3385**.

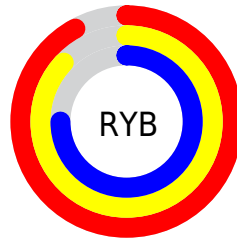
Distribution



Red (92%)

Green (82%)

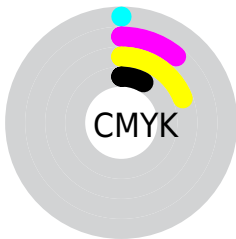
Blue (75%)



Red (92%)

Yellow (87%)

Blue (75%)

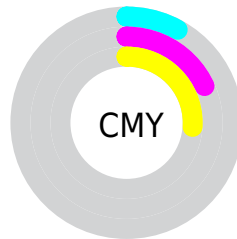


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8111, 0.3457, 0.3499 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 66.8111, 0.3457, 0.3499 by changing the saturation by 10% instead.


 66.8111, 0.3457,
0.3499

 66.8111, 0.3457,
0.3499


449.2721, 0.3301,
0.3402

 48.9311, 0.3493,
0.3521


 114.6497, 0.3402,
0.3466

 34.5649, 0.3539,
0.3548


145.3771, 0.3381,
0.3453

 23.3279, 0.3597,
0.3582


181.1558, 0.3363,
0.3441

 14.8358, 0.3674,
0.3627

222.3701, 0.3347,
0.3432

 8.7042, 0.3780,
0.3686

269.4046, 0.3334,
0.3423

 4.5488, 0.3937,
0.3771

322.6434, 0.3322,

 1.9850, 0.4188,

0.3415

0.3896

382.4711, 0.3311,
0.3409

■ 0.5988, 0.5417,
0.4583

■ 0.0000, 0.0000,
0.0000

■ 66.8111, 0.3457,
0.3499

■ 66.8111, 0.3457,
0.3499

■ 59.6339, 0.3672,
0.3617

■ 74.6998, 0.3270,
0.3385

■ 53.1383, 0.3917,
0.3736

■ 83.3110, 0.3109,
0.3277

■ 47.3053, 0.4191,
0.3847

■ 92.3295, 0.2999,
0.3228

■ 42.1113, 0.4487,
0.3943

■ 96.2215, 0.2999,
0.3290

■ 37.5313, 0.4796,
0.4009

■ 33.5381, 0.5099,
0.4034

■ 30.1014, 0.5372,
0.4006

■ 27.1832, 0.5600,
0.3926

■ 26.8602, 0.5626,
0.3915

Harmonies

Analogous

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



66.8111, 0.3453, 0.3367



66.8111, 0.3457, 0.3499



66.8111, 0.3371, 0.3580

Triad

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



66.8111, 0.3457, 0.3499



66.8111, 0.2899, 0.3357



66.8111, 0.3028, 0.3015

Complementary

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



66.8111, 0.3457, 0.3499



65.4279, 0.2833, 0.3072

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.



66.8111, 0.2885, 0.3007



66.8111, 0.3457, 0.3499



66.8111, 0.2812, 0.3199

Square

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



66.8111, 0.3457, 0.3499



66.8111, 0.3048, 0.3500



66.8111, 0.2807, 0.3072



66.8111, 0.3201, 0.3093

Rectangle

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



66.8111, 0.3457, 0.3499



66.8111, 0.3275, 0.3592



66.8111, 0.2807, 0.3072



66.8111, 0.2975, 0.3004

Sweetspot

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



66.8141, 0.3457, 0.3499



93.6457, 0.3223, 0.3355



59.2408, 0.3289, 0.3013



19.9002, 0.3234, 0.3362



0.0000, 0.0000, 0.0000



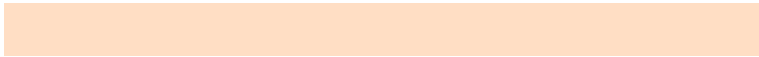
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8141, 0.3457, 0.3499



77.3786, 0.3546, 0.3550



77.9441, 0.3417, 0.3720



16.1276, 0.3282, 0.3392



15.3429, 0.5599, 0.3936



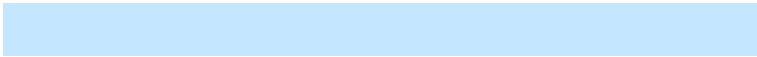
1.3928, 0.5358, 0.4128

Inverse Universe

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



65.4279, 0.2833, 0.3072



75.3664, 0.2764, 0.3015



55.3095, 0.2819, 0.2820



15.9657, 0.2981, 0.3185



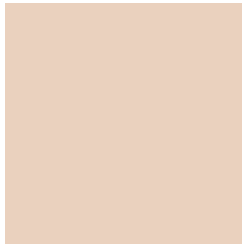
12.9592, 0.1836, 0.1808



1.2083, 0.1898, 0.2032

Previews

White Background



This preview shows how the Yxy color 66.8111, 0.3457, 0.3499 looks on a white background.

Color Contrast Check

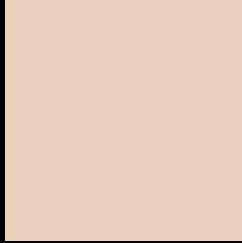
Large Text (above 18pt) WCAG AA × Fail

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 66.8111, 0.3457, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

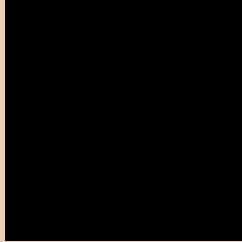
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8111, 0.3457, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 66.8111, 0.3457, 0.3499.



This preview shows how white text looks on a background with the Yxy color 66.8111, 0.3457, 0.3499.

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

66.8111, 0.3457, 0.3499

Protanopia

66.9239, 0.3342, 0.3526

Deuteranopia

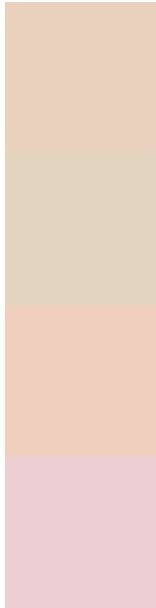
66.9589, 0.3528, 0.3451



Tritanopia

67.0602, 0.3265, 0.3121

Trichromacy



Original Color

66.8111, 0.3457, 0.3499

Protanomaly

67.0173, 0.3382, 0.3524

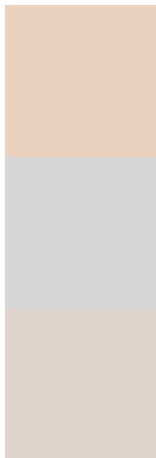
Deuteranomaly

66.9125, 0.3502, 0.3463

Tritanomaly

66.8003, 0.3337, 0.3248

Monochromacy



Original Color

66.8111, 0.3457, 0.3499

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8669, 0.3243, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8111, 0.3457, 0.3499 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, 209, 190)` looks like.

```
.text, #text, p{  
    color:rgb(234, 209, 190)  
}
```

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, 209, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 209, 190) }
```

Border

The CSS property to change the border of an element to Yxy 66.8111, 0.3457, 0.3499 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, 209, 190) }
```

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

```
.border{ border-color:rgb(234, 209, 190) }
```

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

Here you see how a box with a 4 pixel rgb(234, 209, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 209, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 209, 190);  
box-shadow:4px 4px 4px 4px rgb(234, 209,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8111, 0.3457, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 209, 190) }
```

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

```
.background{ background-color: rgb(234,  
209, 190) }
```

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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