

Converting Colors

$Yxy(70.1478, 0.3502, 0.3695)$

Have a look what the booklet for
Yxy(70.1478, 0.3502, 0.3695)
contains.

| | |
|---|----|
| Yxy(70.0768, 0.3498, 0.3696) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(70.0768, 0.3498, 0.3696)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E8D9B4 |
| RGB | 232, 217, 180 |
| RGB Percent | 91%, 85%, 71% |
| CMY | 0.0903, 0.1490, 0.2942 |
| CMYK | 0.00, 0.06, 0.22, 0.09 |
| HSL | 43°, 53%, 81% |
| HSV | 43°, 22%, 91% |
| XYZ | 66.3227, 70.0768, 53.2022 |
| YIQ | 217.2670, 20.8170, -8.3270 |

Conversions

Conversions Part 2

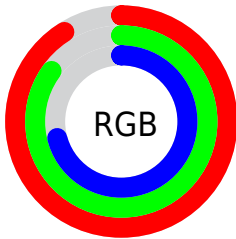
| Format | Color |
|-------------------------------------|--|
| RYB | 201, 232, 180 |
| Decimal | 15260084 |
| CIELab | 87.03, -0.63, 20.12 |
| CIELCh | 87, 20.129, 91.795 |
| Yxy | 70.0768, 0.3498, 0.3696 |
| Android (android.graphics.Color) | 4293450164 (0xFFE8D9B4) |
| YUV | 217.2670, -18.3726, 12.9208 |
| Hunter-Lab | 83.7119, -5.0750, 20.9172 |

Details

The Yxy color **70.0768, 0.3498, 0.3696** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.5332, 0.2762, 0.2848**, and the grayscale version is **69.6976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **36.6031, 0.3588, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **65.8398, 0.3685, 0.3884**, and if you desaturate by 10%, it is **74.6175, 0.3324, 0.3510**.

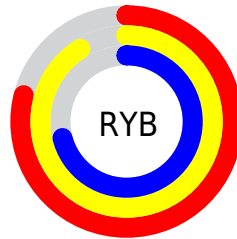
Distribution



Red (91%)

Green (85%)

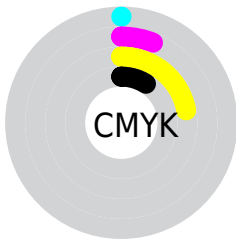
Blue (71%)



Red (79%)

Yellow (91%)

Blue (71%)

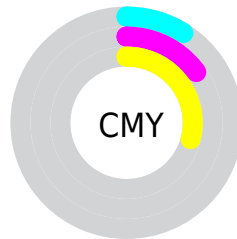


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (9%)



Cyan (9%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0768, 0.3498, 0.3696 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 70.0768, 0.3498, 0.3696 by changing the saturation by 10% instead.


 70.0768, 0.3498,
0.3696

 70.0768, 0.3498,
0.3696


460.8196, 0.3326,
0.3507

 51.5891, 0.3537,
0.3739


 119.3183, 0.3438,
0.3630

 36.6777, 0.3586,
0.3793


150.8409, 0.3415,
0.3605

 24.9580, 0.3647,
0.3860


187.4773, 0.3395,
0.3583

 16.0458, 0.3726,
0.3948

229.6118, 0.3378,
0.3564

 9.5566, 0.3833,
0.4066

277.6289, 0.3362,
0.3547

 5.1060, 0.3982,
0.4233

331.9130, 0.3349,

 2.3096, 0.4229,

0.3532

0.4509

392.8484, 0.3337,
0.3519

0.7788, 0.4821,
0.5179

0.0000, 0.0000,
0.0000

70.0768, 0.3498,
0.3696

70.0768, 0.3498,
0.3696

65.8398, 0.3685,
0.3884

74.6175, 0.3324,
0.3510

61.8876, 0.3881,
0.4067

79.4615, 0.3164,
0.3332

58.2132, 0.4080,
0.4236

84.6203, 0.3018,
0.3163

54.8054, 0.4275,
0.4381

88.9034, 0.2987,
0.3177

■ 51.6521, 0.4456,
0.4490

■ 92.9878, 0.2987,
0.3244

■ 48.7393, 0.4615,
0.4555

■ 95.8918, 0.2987,
0.3290

■ 46.0507, 0.4744,
0.4569

■ 44.1413, 0.4823,
0.4552

Harmonies

Analogous

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



70.0768, 0.3608, 0.3563



70.0768, 0.3498, 0.3696



70.0768, 0.3289, 0.3721

Triad

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



70.0768, 0.3498, 0.3696



70.0768, 0.2690, 0.3184



70.0768, 0.3198, 0.2992

Complementary

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



70.0768, 0.3498, 0.3696



54.5332, 0.2762, 0.2848

Split Complementary

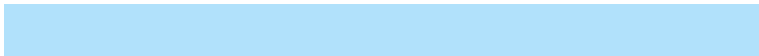
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0768, 0.2953, 0.2894



70.0768, 0.3498, 0.3696



70.0768, 0.2667, 0.2995

Square

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



70.0768, 0.3498, 0.3696



70.0768, 0.2825, 0.3416



70.0768, 0.2761, 0.2893



70.0768, 0.3432, 0.3162

Rectangle

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



70.0768, 0.3498, 0.3696



70.0768, 0.3125, 0.3666



70.0768, 0.2761, 0.2893



70.0768, 0.3114, 0.2950

Sweetspot

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



70.0799, 0.3498, 0.3696



95.6694, 0.3236, 0.3413



53.7553, 0.3450, 0.3117



20.3992, 0.3245, 0.3424



0.0000, 0.0000, 0.0000



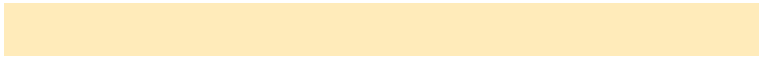
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0799, 0.3498, 0.3696



84.3352, 0.3585, 0.3785



76.4577, 0.3389, 0.3863



16.0796, 0.3275, 0.3457



24.7372, 0.4810, 0.4562



1.9852, 0.4699, 0.4651

Inverse Universe

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



54.5332, 0.2762, 0.2848



61.8028, 0.2678, 0.2740



49.4585, 0.2825, 0.2676



14.5594, 0.2981, 0.3118



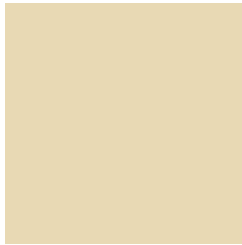
5.6344, 0.1604, 0.0973



0.5716, 0.1683, 0.1260

Previews

White Background



This preview shows how the Yxy color 70.0768, 0.3498, 0.3696 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 70.0768, 0.3498, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

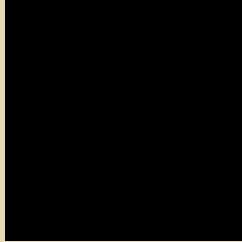
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

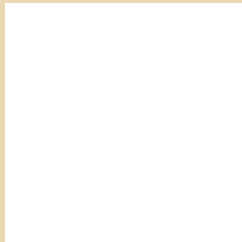
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0768, 0.3498, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 70.0768, 0.3498, 0.3696.

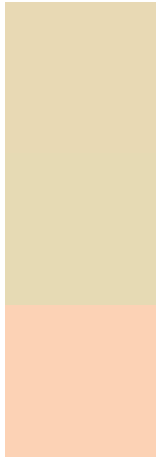


This preview shows how white text looks on a background with the Yxy color 70.0768, 0.3498, 0.3696.

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

70.0768, 0.3498, 0.3696

Protanopia

70.2611, 0.3480, 0.3708

Deuteranopia

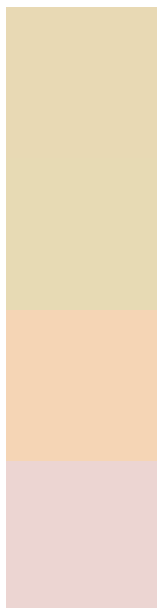
70.1248, 0.3666, 0.3594



Tritanopia

69.8164, 0.3217, 0.3112

Trichromacy



Original Color

70.0768, 0.3498, 0.3696

Protanomaly

70.4270, 0.3488, 0.3707

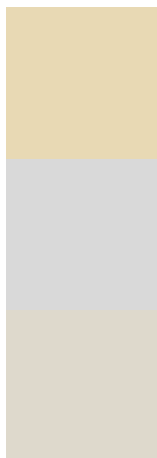
Deuteranomaly

70.3372, 0.3602, 0.3630

Tritanomaly

70.0745, 0.3320, 0.3323

Monochromacy



Original Color

70.0768, 0.3498, 0.3696

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5149, 0.3252, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0768, 0.3498, 0.3696 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, 217, 180)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 180)  
}
```

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, 217, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 180) }
```

Border

The CSS property to change the border of an element to Yxy 70.0768, 0.3498, 0.3696 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, 217, 180) }
```

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

```
.border{ border-color:rgb(232, 217, 180) }
```

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

Here you see how a box with a 4 pixel rgb(232, 217, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 180);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0768, 0.3498, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 180) }
```

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

```
.background{ background-color: rgb(232,  
217, 180) }
```

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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