

Converting Colors

$Yxy(70.9652, 0.3558, 0.3804)$

Have a look what the booklet for
Yxy(70.9652, 0.3558, 0.3804)
contains.

| | |
|---|----|
| Yxy(70.9652, 0.3558, 0.3804) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(70.9652, 0.3558, 0.3804)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E9DBAC |
| RGB | 233, 219, 172 |
| RGB Percent | 91%, 86%, 67% |
| CMY | 0.0863, 0.1411, 0.3256 |
| CMYK | 0.00, 0.06, 0.26, 0.09 |
| HSL | 46°, 58%, 79% |
| HSV | 46°, 26%, 91% |
| XYZ | 66.3760, 70.9652, 49.2130 |
| YIQ | 217.8280, 23.4310, -11.6490 |

Conversions

Conversions Part 2

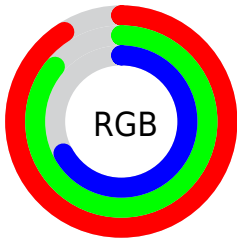
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 190, 233, 172 |
| Decimal | 15326124 |
| CIELab | 87.47, -2.38, 24.91 |
| CIELCh | 87, 25.020, 95.460 |
| Yxy | 70.9652, 0.3558, 0.3804 |
| Android (android.graphics.Color) | 4293516204 (0xFFE9DBAC) |
| YUV | 217.8280, -22.5932, 13.3058 |
| Hunter-Lab | 84.2408, -6.7758, 24.3317 |

Details

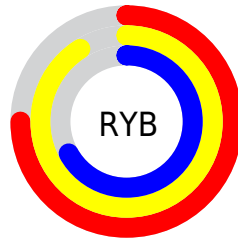
The Yxy color **70.9652, 0.3558, 0.3804** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7429, 0.2690, 0.2717**, and the grayscale version is **70.1319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **37.2299, 0.3665, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **67.4109, 0.3740, 0.4004**, and if you desaturate by 10%, it is **74.7721, 0.3384, 0.3603**.

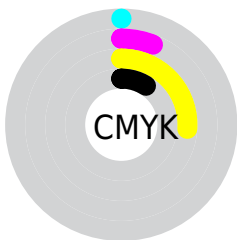
Distribution



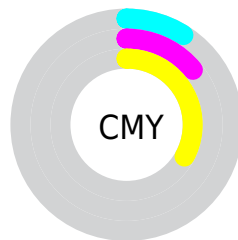
- Red (91%)
- Green (86%)
- Blue (67%)



- Red (75%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9652, 0.3558, 0.3804 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 70.9652, 0.3558, 0.3804 by changing the saturation by 10% instead.


 70.9652, 0.3558,
0.3804

 70.9652, 0.3558,
0.3804


463.9318, 0.3360,
0.3565

 52.3138, 0.3603,
0.3858


 120.5842, 0.3490,
0.3721

 37.2553, 0.3658,
0.3926


152.3205, 0.3463,
0.3689

 25.4052, 0.3726,
0.4010


189.1873, 0.3440,
0.3661

 16.3792, 0.3814,
0.4119

231.5690, 0.3420,
0.3637

 9.7929, 0.3930,
0.4265

279.8498, 0.3402,
0.3616

 5.2618, 0.4086,
0.4467

334.4143, 0.3386,

 2.4017, 0.4398,

0.3597

0.4864

395.6468, 0.3372,
0.3580

0.8268, 0.4681,
0.5319

0.0000, 0.0000,
0.0000

70.9652, 0.3558,
0.3804

70.9652, 0.3558,
0.3804

67.4109, 0.3740,
0.4004

74.7721, 0.3384,
0.3603

64.0905, 0.3925,
0.4195

78.8303, 0.3222,
0.3407

60.9975, 0.4106,
0.4366

83.1510, 0.3072,
0.3220

58.1211, 0.4276,
0.4509

87.0696, 0.2993,
0.3143

■ 55.4493, 0.4426,
0.4611

■ 90.2633, 0.2993,
0.3197

■ 52.9681, 0.4550,
0.4667

■ 93.5503, 0.2993,
0.3250

■ 50.6604, 0.4643,
0.4676

■ 96.0611, 0.2993,
0.3290

■ 49.8160, 0.4674,
0.4671

Harmonies

Analogous

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



70.9652, 0.3715, 0.3648



70.9652, 0.3558, 0.3804



70.9652, 0.3288, 0.3821

Triad

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



70.9652, 0.3558, 0.3804



70.9652, 0.2579, 0.3122



70.9652, 0.3251, 0.2946

Complementary

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



70.9652, 0.3558, 0.3804



49.7429, 0.2690, 0.2717

Split Complementary

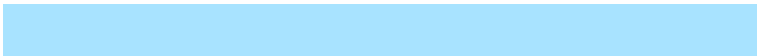
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9652, 0.2945, 0.2815



70.9652, 0.3558, 0.3804



70.9652, 0.2569, 0.2901

Square

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



70.9652, 0.3558, 0.3804



70.9652, 0.2727, 0.3410



70.9652, 0.2700, 0.2795



70.9652, 0.3535, 0.3160

Rectangle

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



70.9652, 0.3558, 0.3804



70.9652, 0.3084, 0.3740



70.9652, 0.2700, 0.2795



70.9652, 0.3147, 0.2892

Sweetspot

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



70.9684, 0.3558, 0.3804



95.8107, 0.3251, 0.3443



50.3687, 0.3557, 0.3131



20.3438, 0.3275, 0.3472



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.



70.9684, 0.3558, 0.3804



84.9022, 0.3647, 0.3904



75.9546, 0.3403, 0.3970



17.0080, 0.3274, 0.3471



28.4668, 0.4665, 0.4678



2.3777, 0.4586, 0.4741

Inverse Universe

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



49.7429, 0.2690, 0.2717



55.0508, 0.2598, 0.2589



46.0980, 0.2797, 0.2566



15.1085, 0.2980, 0.3103



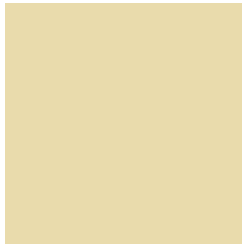
4.9560, 0.1569, 0.0850



0.5315, 0.1640, 0.1103

Previews

White Background



This preview shows how the Yxy color 70.9652, 0.3558, 0.3804 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 70.9652, 0.3558, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

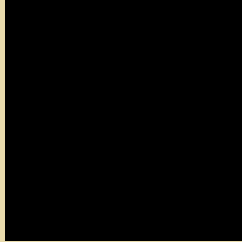
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

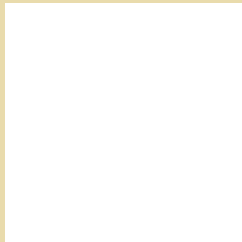
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9652, 0.3558, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 70.9652, 0.3558, 0.3804.



This preview shows how white text looks on a background with the Yxy color 70.9652, 0.3558, 0.3804.

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

70.9652, 0.3558, 0.3804

Protanopia

70.9652, 0.3558, 0.3804

Deuteranopia

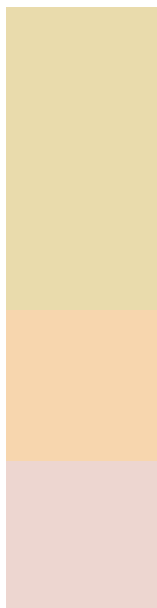
70.9437, 0.3732, 0.3663



Tritanopia

70.7152, 0.3224, 0.3113

Trichromacy



Original Color

70.9652, 0.3558, 0.3804

Protanomaly

70.9652, 0.3558, 0.3804

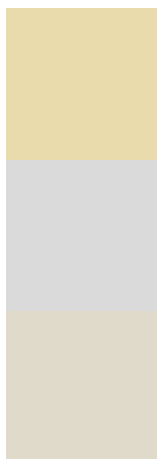
Deuteranomaly

70.9233, 0.3667, 0.3713

Tritanomaly

70.6517, 0.3341, 0.3355

Monochromacy



Original Color

70.9652, 0.3558, 0.3804

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0478, 0.3279, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9652, 0.3558, 0.3804 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(233, 219, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 172)  
}
```

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(233, 219, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 172) }
```

Border

The CSS property to change the border of an element to Yxy 70.9652, 0.3558, 0.3804 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(233, 219, 172) }
```

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

```
.border{ border-color:rgb(233, 219, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 219, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 219, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 219, 172);  
box-shadow:4px 4px 4px 4px rgb(233, 219,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9652, 0.3558, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 172) }
```

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

```
.background{ background-color: rgb(233,  
219, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor