

Converting Colors

$Yxy(55.0864, 0.3790, 0.3694)$

Have a look what the booklet for
Yxy(55.0864, 0.3790, 0.3694)
contains.

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Color

Yxy(55.2224, 0.3794, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	E7BC98
RGB	231, 188, 152
RGB Percent	91%, 74%, 60%
CMY	0.0940, 0.2628, 0.4040
CMYK	0.00, 0.19, 0.34, 0.09
HSL	27°, 62%, 75%
HSV	27°, 34%, 91%
XYZ	56.6100, 55.2224, 37.3770
YIQ	196.7530, 37.1840, -2.0800

Conversions

Conversions Part 2

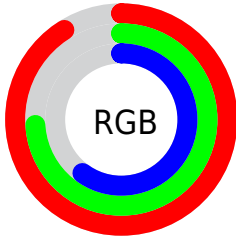
Format	Color
R _Y B	231, 218, 152
Decimal	15187096
CIE Lab	79.17, 10.47, 24.05
CIE LCh	79, 26.228, 66.470
Yxy	55.2224, 0.3794, 0.3701
Android (android.graphics.Color)	4293377176 (0xFFE7BC98)
YUV	196.7530, -22.0632, 30.0346
Hunter-Lab	74.3118, 5.9341, 22.1969

Details

The Yxy color **55.2224, 0.3794, 0.3701** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4819, 0.2584, 0.2837**, and the grayscale version is **55.7988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4176, 0.3437, 0.3668**, and **27.2662, 0.3964, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **49.3990, 0.4049, 0.3822**, and if you desaturate by 10%, it is **61.6667, 0.3566, 0.3576**.

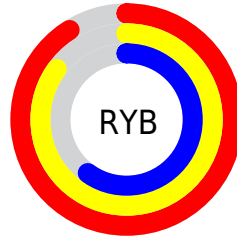
Distribution



Red (91%)

Green (74%)

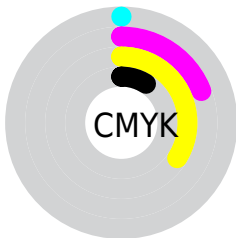
Blue (60%)



Red (91%)

Yellow (85%)

Blue (60%)

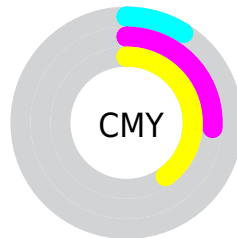


Cyan (0%)

Magenta (19%)

Yellow (34%)

Black (9%)



Cyan (9%)


Magenta (26%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2224, 0.3794, 0.3701 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 55.2224, 0.3794, 0.3701 by changing the saturation by 10% instead.


 55.2224, 0.3794,
0.3701


 55.2224, 0.3794,
0.3701


406.7544, 0.3469,
0.3510

 39.5798, 0.3872,
0.3744


 97.8667, 0.3678,
0.3635

 27.2111, 0.3970,
0.3797


 125.6373, 0.3634,
0.3609

 17.7318, 0.4097,
0.3862


158.2192, 0.3596,
0.3587

 10.7576, 0.4265,
0.3943


195.9970, 0.3564,
0.3567

 5.9041, 0.4500,
0.4046

239.3550, 0.3535,
0.3550

 2.7868, 0.4865,
0.4189

288.6777, 0.3511,

 1.0215, 0.5562,

0.3535

0.4438

344.3493, 0.3489,
0.3522

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2224, 0.3794,
0.3701

55.2224, 0.3794,
0.3701

49.3990, 0.4049,
0.3822

61.6667, 0.3566,
0.3576

44.1682, 0.4328,
0.3932

68.7434, 0.3367,
0.3454

39.5108, 0.4624,
0.4019

76.4736, 0.3193,
0.3337

35.4032, 0.4920,
0.4069

84.8748, 0.3043,
0.3228

■ 31.8195, 0.5199,
0.4071

■ 93.1323, 0.2981,
0.3249

■ 28.7303, 0.5438,
0.4018

■ 95.7324, 0.2982,
0.3290

■ 27.1478, 0.5559,
0.3968

Harmonies

Analogous

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



55.2224, 0.3794, 0.3434



55.2224, 0.3794, 0.3701



55.2224, 0.3608, 0.3879

Triad

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



55.2224, 0.3794, 0.3701



55.2224, 0.2665, 0.3414



55.2224, 0.2930, 0.2756

Complementary

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



55.2224, 0.3794, 0.3701



51.4819, 0.2584, 0.2837

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.



55.2224, 0.2649, 0.2728



55.2224, 0.3794, 0.3701



55.2224, 0.2503, 0.3086

Square

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



55.2224, 0.3794, 0.3701



55.2224, 0.2952, 0.3723



55.2224, 0.2498, 0.2840



55.2224, 0.3279, 0.2908

Rectangle

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



55.2224, 0.3794, 0.3701



55.2224, 0.3409, 0.3911



55.2224, 0.2498, 0.2840



55.2224, 0.2825, 0.2732

Sweetspot

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



55.2250, 0.3794, 0.3701



89.9257, 0.3292, 0.3404



43.4071, 0.3491, 0.2802



18.9592, 0.3317, 0.3421



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.



55.2250, 0.3794, 0.3701



63.9034, 0.3970, 0.3787



74.2352, 0.3655, 0.4104



15.4443, 0.3281, 0.3397



15.4578, 0.5533, 0.3989



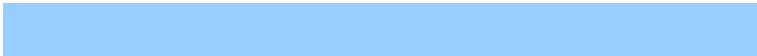
1.3260, 0.5288, 0.4183

Inverse Universe

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



51.4819, 0.2584, 0.2837



58.5498, 0.2473, 0.2726



36.2033, 0.2516, 0.2321



15.1809, 0.2981, 0.3180



11.8158, 0.1815, 0.1732



1.0584, 0.1883, 0.1979

Previews

White Background



This preview shows how the Yxy color 55.2224, 0.3794, 0.3701 looks on a white background.

Color Contrast Check

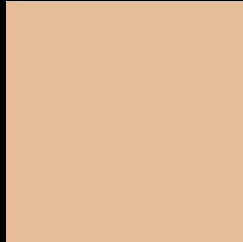
Large Text (above 18pt) WCAG AA × Fail

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 55.2224, 0.3794, 0.3701 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 55.2224, 0.3794, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 55.2224, 0.3794, 0.3701.



This preview shows how white text looks on a background with the Yxy color 55.2224, 0.3794, 0.3701.

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

55.2224, 0.3794, 0.3701

Protanopia

55.4355, 0.3543, 0.3774

Deuteranopia

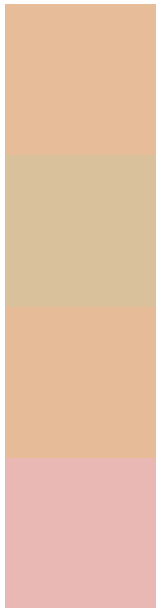
55.0564, 0.3785, 0.3702



Tritanopia

55.2743, 0.3478, 0.3137

Trichromacy



Original Color

55.2224, 0.3794, 0.3701

Protanomaly

55.2582, 0.3629, 0.3741

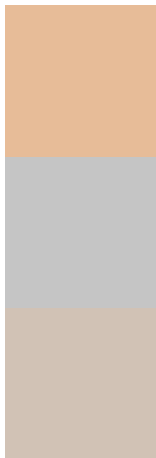
Deuteranomaly

55.0564, 0.3785, 0.3702

Tritanomaly

55.0687, 0.3593, 0.3336

Monochromacy



Original Color

55.2224, 0.3794, 0.3701

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4751, 0.3350, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2224, 0.3794, 0.3701 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(231, 188, 152)` looks like.

```
.text, #text, p{  
    color:rgb(231, 188, 152)  
}
```

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(231, 188, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 188, 152) }
```

Border

The CSS property to change the border of an element to Yxy 55.2224, 0.3794, 0.3701 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(231, 188, 152) }
```

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

```
.border{ border-color:rgb(231, 188, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 188, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 188, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 188, 152);  
box-shadow:4px 4px 4px 4px rgb(231, 188,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2224, 0.3794, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 188, 152) }
```

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

```
.background{ background-color: rgb(231,  
188, 152) }
```

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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