

Converting Colors

$Yxy(55.3918, 0.3999, 0.4159)$

Have a look what the booklet for
Yxy(55.3918, 0.3999, 0.4159)
contains.

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Color

Yxy(55.4084, 0.4003, 0.4163)

Conversions

Conversions Part 1

Format	Color
Hex	E1C174
RGB	225, 193, 116
RGB Percent	88%, 76%, 45%
CMY	0.1176, 0.2431, 0.5451
CMYK	0.00, 0.14, 0.48, 0.12
HSL	42°, 65%, 67%
HSV	42°, 48%, 88%
XYZ	53.2788, 55.4084, 24.4100
YIQ	193.7900, 43.7890, -17.1630

Conversions

Conversions Part 2

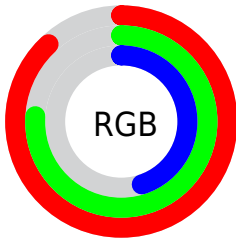
Format	Color
RYB	161, 225, 116
Decimal	14795124
CIELab	79.28, 1.59, 42.77
CIELCh	79, 42.801, 87.868
Yxy	55.4084, 0.4003, 0.4163
Android (android.graphics.Color)	4292985204 (0xFFE1C174)
YUV	193.7900, -38.3505, 27.3712
Hunter-Lab	74.4368, -2.5014, 32.6628

Details

The Yxy color **55.4084, 0.4003, 0.4163** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **30.3390, 0.2288, 0.2212**, and the grayscale version is **54.0324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8759, 0.3655, 0.4082**, and **27.4743, 0.4205, 0.4358** is the 20% darker color. If you saturate the color by 10%, you get **52.0917, 0.4202, 0.4318**, and if you desaturate by 10%, it is **58.9878, 0.3803, 0.3989**.

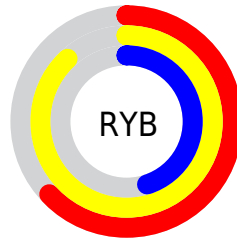
Distribution



Red (88%)

Green (76%)

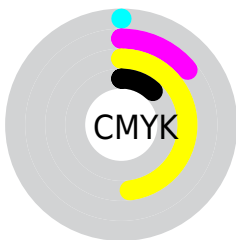
Blue (45%)



Red (63%)

Yellow (88%)

Blue (45%)

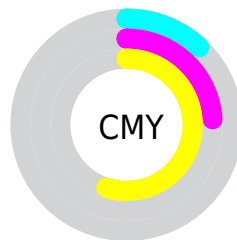


Cyan (0%)

Magenta (14%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4084, 0.4003, 0.4163 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 55.4084, 0.4003, 0.4163 by changing the saturation by 10% instead.


 55.4084, 0.4003,
0.4163


 55.4084, 0.4003,
0.4163


407.4582, 0.3590,
0.3754

 39.7288, 0.4095,
0.4253


 98.1391, 0.3860,
0.4023

 27.3272, 0.4207,
0.4362


 125.9589, 0.3804,
0.3967

 17.8191, 0.4342,
0.4492


 158.5943, 0.3756,
0.3920

 10.8202, 0.4506,
0.4647

196.4296, 0.3714,
0.3878

 5.9460, 0.4717,
0.4844

239.8493, 0.3677,
0.3841

 2.8123, 0.4951,
0.5049

289.2377, 0.3645,

 1.0345, 0.4982,

0.3809

0.5018

344.9792, 0.3616,
0.3780

0.0000, 0.0000,
0.0000

55.4084, 0.4003,
0.4163

55.4084, 0.4003,
0.4163

52.0917, 0.4202,
0.4318

58.9878, 0.3803,
0.3989

49.0188, 0.4392,
0.4442

62.8321, 0.3610,
0.3804

46.1801, 0.4563,
0.4524


66.9531, 0.3427,
0.3619


43.5613, 0.4707,
0.4559


71.3596, 0.3258,
0.3437


41.1422, 0.4821,
0.4545

76.0598, 0.3104,
0.3264

 40.7805, 0.4837,
0.4541

 81.0613, 0.2965,
0.3101

 85.1210, 0.2943,
0.3130

 89.0682, 0.2945,
0.3197

 93.1586, 0.2946,
0.3264

Harmonies

Analogous

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



55.4084, 0.4244, 0.3798



55.4084, 0.4003, 0.4163



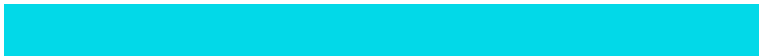
55.4084, 0.3535, 0.4320

Triad

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



55.4084, 0.4003, 0.4163



55.4084, 0.2189, 0.3079



55.4084, 0.3197, 0.2610

Complementary

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



55.4084, 0.4003, 0.4163



30.3390, 0.2288, 0.2212

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.



55.4084, 0.2658, 0.2425



55.4084, 0.4003, 0.4163



55.4084, 0.2118, 0.2645

Square

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



55.4084, 0.4003, 0.4163



55.4084, 0.2493, 0.3649



55.4084, 0.2281, 0.2427



55.4084, 0.3763, 0.2941

Rectangle

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



55.4084, 0.4003, 0.4163



55.4084, 0.3166, 0.4240



55.4084, 0.2281, 0.2427



55.4084, 0.3006, 0.2529

Sweetspot

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



55.4110, 0.4003, 0.4163



90.8162, 0.3369, 0.3557



30.6632, 0.4054, 0.2911



19.1773, 0.3406, 0.3596



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.



55.4110, 0.4003, 0.4163



69.1882, 0.4201, 0.4317



67.8505, 0.3667, 0.4543



15.3139, 0.3274, 0.3455



23.7061, 0.4825, 0.4551



1.7959, 0.4705, 0.4646

Inverse Universe

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



30.3390, 0.2288, 0.2212



32.3392, 0.2110, 0.1943



23.3157, 0.2371, 0.1825



13.8961, 0.2981, 0.3120



5.5606, 0.1608, 0.0989



0.5375, 0.1693, 0.1294

Previews

White Background



This preview shows how the Yxy color 55.4084, 0.4003, 0.4163 looks on a white background.

Color Contrast Check

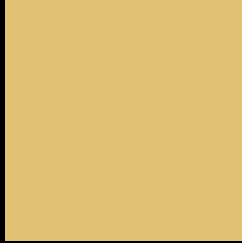
Large Text (above 18pt) WCAG AA × Fail

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 55.4084, 0.4003, 0.4163 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 55.4084, 0.4003, 0.4163

Background



This preview shows how black text looks on a background with the Yxy color 55.4084, 0.4003, 0.4163.



This preview shows how white text looks on a background with the Yxy color 55.4084, 0.4003, 0.4163.

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

55.4084, 0.4003, 0.4163

Protanopia

55.6639, 0.3887, 0.4225

Deuteranopia

55.4279, 0.4138, 0.4063



Tritanopia

55.2218, 0.3442, 0.3135

Trichromacy



Original Color

55.4084, 0.4003, 0.4163

Protanomaly

55.8243, 0.3927, 0.4202

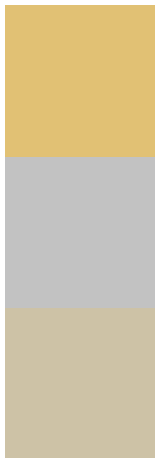
Deuteranomaly

55.4349, 0.4082, 0.4098

Tritanomaly

55.1908, 0.3653, 0.3508

Monochromacy



Original Color

55.4084, 0.4003, 0.4163

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3159, 0.3434, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4084, 0.4003, 0.4163 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(225, 193, 116)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 116)  
}
```

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(225, 193, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 116) }
```

Border

The CSS property to change the border of an element to Yxy 55.4084, 0.4003, 0.4163 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(225, 193, 116) }
```

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

```
.border{ border-color:rgb(225, 193, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 116);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4084, 0.4003, 0.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 116) }
```

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

```
.background{ background-color: rgb(225,  
193, 116) }
```

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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