

Converting Colors

Yxy(56.5952, 0.3959, 0.4110)

Have a look what the booklet for
Yxy(56.5952, 0.3959, 0.4110)
contains.

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Color

Yxy(56.6041, 0.3957, 0.4118)

Conversions

Conversions Part 1

Format	Color
Hex	E2C37A
RGB	226, 195, 122
RGB Percent	89%, 76%, 48%
CMY	0.1137, 0.2353, 0.5217
CMYK	0.00, 0.14, 0.46, 0.11
HSL	42°, 64%, 68%
HSV	42°, 46%, 89%
XYZ	54.3911, 56.6041, 26.4601
YIQ	195.9470, 41.9090, -16.1310

Conversions

Conversions Part 2

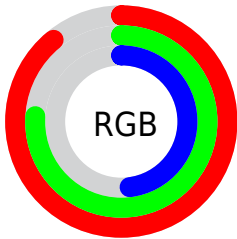
Format	Color
R _Y B	166, 226, 122
Decimal	14861178
CIE Lab	79.96, 1.51, 40.63
CIE LCh	80, 40.663, 87.875
Yxy	56.6041, 0.3957, 0.4118
Android (android.graphics.Color)	4293051258 (0xFFE2C37A)
YUV	195.9470, -36.4559, 26.3565
Hunter-Lab	75.2357, -2.6173, 31.8129

Details

The Yxy color **56.6041, 0.3957, 0.4118** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.3972, 0.2334, 0.2282**, and the grayscale version is **55.3724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3495, 0.3614, 0.4041**, and **28.2360, 0.4156, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **53.1603, 0.4158, 0.4278**, and if you desaturate by 10%, it is **60.3195, 0.3757, 0.3941**.

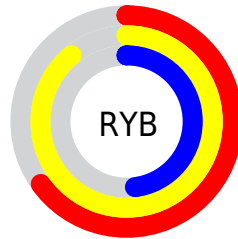
Distribution



Red (89%)

Green (76%)

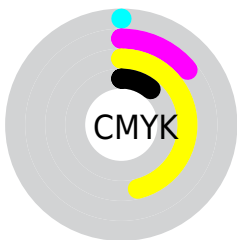
Blue (48%)



Red (65%)

Yellow (89%)

Blue (48%)

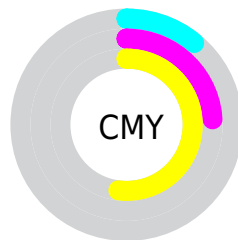


Cyan (0%)

Magenta (14%)

Yellow (46%)

Black (11%)



Cyan (11%)


Magenta (24%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6041, 0.3957, 0.4118 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 56.6041, 0.3957, 0.4118 by changing the saturation by 10% instead.


 56.6041, 0.3957,
0.4118

 56.6041, 0.3957,
0.4118


411.9642, 0.3565,
0.3730

 40.6875, 0.4045,
0.4204


 99.8873, 0.3821,
0.3984

 28.0750, 0.4152,
0.4309


 128.0226, 0.3768,
0.3932

 18.3822, 0.4283,
0.4435


 160.9997, 0.3723,
0.3887

 11.2247, 0.4443,
0.4588

199.2028, 0.3683,
0.3847

 6.2182, 0.4639,
0.4771

243.0164, 0.3648,
0.3813

 2.9782, 0.4946,
0.5054

292.8249, 0.3617,

 1.1204, 0.4973,

0.3782

0.5027

349.0127, 0.3590,
0.3755

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6041, 0.3957,
0.4118

56.6041, 0.3957,
0.4118

53.1603, 0.4158,
0.4278

60.3195, 0.3757,
0.3941

49.9693, 0.4353,
0.4409

64.3086, 0.3565,
0.3757

47.0216, 0.4531,
0.4502


68.5834, 0.3385,
0.3573


44.3031, 0.4684,
0.4548

73.1526, 0.3220,
0.3394


 41.7971, 0.4806,
0.4543


 78.0243, 0.3069,
0.3224

 40.8512, 0.4849,
0.4532

 83.0399, 0.2949,
0.3090

 86.9779, 0.2950,
0.3159

 91.0636, 0.2951,
0.3228

 94.9093, 0.2952,
0.3289

Harmonies

Analogous

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



56.6041, 0.4182, 0.3776



56.6041, 0.3957, 0.4118



56.6041, 0.3516, 0.4260

Triad

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



56.6041, 0.3957, 0.4118



56.6041, 0.2238, 0.3094



56.6041, 0.3194, 0.2644

Complementary

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



56.6041, 0.3957, 0.4118



32.3972, 0.2334, 0.2282

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.



56.6041, 0.2685, 0.2468



56.6041, 0.3957, 0.4118



56.6041, 0.2170, 0.2682

Square

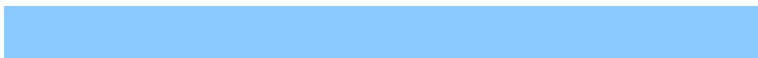
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.6041, 0.3957, 0.4118



56.6041, 0.2529, 0.3628



56.6041, 0.2324, 0.2473



56.6041, 0.3727, 0.2960

Rectangle

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



56.6041, 0.3957, 0.4118



56.6041, 0.3167, 0.4181



56.6041, 0.2324, 0.2473



56.6041, 0.3014, 0.2567

Sweetspot

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



56.6068, 0.3957, 0.4118



91.3106, 0.3352, 0.3537



32.3862, 0.3986, 0.2928



19.2725, 0.3389, 0.3577



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.



56.6068, 0.3957, 0.4118



70.1880, 0.4145, 0.4268



68.8058, 0.3645, 0.4483



15.3039, 0.3275, 0.3454



23.5213, 0.4836, 0.4542



1.7843, 0.4713, 0.4639

Inverse Universe

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



32.3972, 0.2334, 0.2282



34.8053, 0.2165, 0.2033



25.2219, 0.2416, 0.1906



13.9056, 0.2981, 0.3121



5.6265, 0.1611, 0.0998



0.5430, 0.1696, 0.1305

Previews

White Background



This preview shows how the Yxy color 56.6041, 0.3957, 0.4118 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 56.6041, 0.3957, 0.4118 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 56.6041, 0.3957, 0.4118

Background



This preview shows how black text looks on a background with the Yxy color 56.6041, 0.3957, 0.4118.



This preview shows how white text looks on a background with the Yxy color 56.6041, 0.3957, 0.4118.

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

56.6041, 0.3957, 0.4118

Protanopia

56.4172, 0.3847, 0.4167

Deuteranopia

56.3505, 0.4103, 0.4007



Tritanopia

56.7804, 0.3420, 0.3136

Trichromacy



Original Color

56.6041, 0.3957, 0.4118

Protanomaly

56.5782, 0.3887, 0.4145

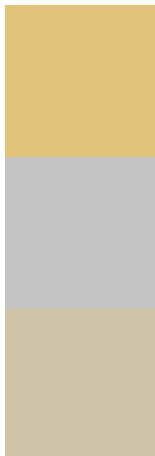
Deuteranomaly

56.3538, 0.4049, 0.4041

Tritanomaly

56.3627, 0.3622, 0.3484

Monochromacy



Original Color

56.6041, 0.3957, 0.4118

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6098, 0.3424, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6041, 0.3957, 0.4118 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(226, 195, 122)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 122)  
}
```

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(226, 195, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 122) }
```

Border

The CSS property to change the border of an element to Yxy 56.6041, 0.3957, 0.4118 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(226, 195, 122) }
```

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

```
.border{ border-color:rgb(226, 195, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 195, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 195, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 195, 122); box-shadow:4px 4px 4px 4px rgb(226, 195, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6041, 0.3957, 0.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 122) }
```

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

```
.background{ background-color: rgb(226,  
195, 122) }
```

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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