

Converting Colors

$Y_{xy}(56.6700, 0.4010, 0.3929)$

Have a look what the booklet for
Yxy(56.6700, 0.4010, 0.3929)
contains.

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Color

Yxy(56.6700, 0.4010, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	EEBE84
RGB	238, 190, 132
RGB Percent	93%, 75%, 52%
CMY	0.0667, 0.2549, 0.4823
CMYK	0.00, 0.20, 0.45, 0.07
HSL	33°, 76%, 73%
HSV	33°, 45%, 93%
XYZ	57.8383, 56.6700, 29.7269
YIQ	197.7400, 47.2260, -7.8620

Conversions

Conversions Part 2

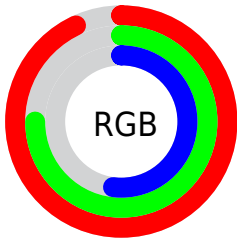
Format	Color
R _Y B	220, 238, 132
Decimal	15646340
CIE Lab	79.99, 9.94, 35.76
CIE LCh	80, 37.116, 74.469
Yxy	56.6700, 0.4010, 0.3929
Android (android.graphics.Color)	4293836420 (0xFFEEBE84)
YUV	197.7400, -32.4098, 35.3080
Hunter-Lab	75.2795, 5.4050, 29.2828

Details

The Yxy color **56.6700, 0.4010, 0.3929** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.7270, 0.2398, 0.2540**, and the grayscale version is **56.4871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7167, 0.3559, 0.3887**, and **28.1887, 0.4232, 0.4078** is the 20% darker color. If you saturate the color by 10%, you get **51.5960, 0.4260, 0.4060**, and if you desaturate by 10%, it is **62.2433, 0.3775, 0.3785**.

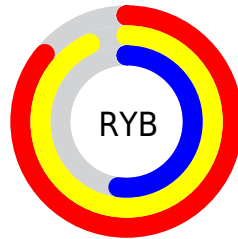
Distribution



Red (93%)

Green (75%)

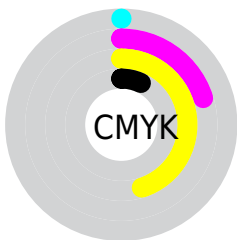
Blue (52%)



Red (86%)

Yellow (93%)

Blue (52%)

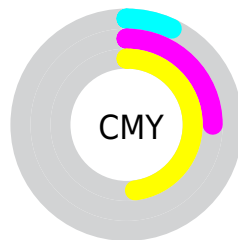


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (7%)



Cyan (7%)


Magenta (25%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6700, 0.4010, 0.3929 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 56.6700, 0.4010, 0.3929 by changing the saturation by 10% instead.


 56.6700, 0.4010,
0.3929


 56.6700, 0.4010,
0.3929


412.2116, 0.3586,
0.3636


 40.7404, 0.4108,
0.3992


 99.9835, 0.3861,
0.3830

 28.1163, 0.4229,
0.4068


 128.1362, 0.3804,
0.3790

 18.4133, 0.4382,
0.4159


 161.1320, 0.3755,
0.3756

 11.2471, 0.4576,
0.4265

199.3553, 0.3712,
0.3726

 6.2333, 0.4826,
0.4384

243.1905, 0.3675,
0.3700

 2.9875, 0.5338,
0.4662

293.0220, 0.3642,

 1.1252, 0.5509,

0.3676

0.4491

349.2343, 0.3613,
0.3655

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6700, 0.4010,
0.3929

56.6700, 0.4010,
0.3929

51.5960, 0.4260,
0.4060

62.2433, 0.3775,
0.3785

46.9955, 0.4517,
0.4166

68.3242, 0.3561,
0.3637


42.8521, 0.4769,
0.4234

74.9310, 0.3368,
0.3491


39.1443, 0.5000,
0.4254


82.0782, 0.3198,
0.3351

 35.8476, 0.5196,
0.4219

 89.7800, 0.3047,
0.3219

 34.2008, 0.5290,
0.4181

 96.7066, 0.3023,
0.3286

 96.9164, 0.3023,
0.3290

Harmonies

Analogous

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



56.6700, 0.4093, 0.3575



56.6700, 0.4010, 0.3929



56.6700, 0.3684, 0.4149

Triad

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



56.6700, 0.4010, 0.3929



56.6700, 0.2407, 0.3327



56.6700, 0.2971, 0.2604

Complementary

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



56.6700, 0.4010, 0.3929



43.7270, 0.2398, 0.2540

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.



56.6700, 0.2553, 0.2513



56.6700, 0.4010, 0.3929



56.6700, 0.2249, 0.2885

Square

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



56.6700, 0.4010, 0.3929



56.6700, 0.2757, 0.3804



56.6700, 0.2300, 0.2603



56.6700, 0.3467, 0.2844

Rectangle

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



56.6700, 0.4010, 0.3929



56.6700, 0.3384, 0.4162



56.6700, 0.2300, 0.2603



56.6700, 0.2817, 0.2555

Sweetspot

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



56.6727, 0.4010, 0.3929



88.8392, 0.3342, 0.3470



38.0406, 0.3747, 0.2746



18.6328, 0.3382, 0.3501



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.



56.6727, 0.4010, 0.3929



61.1065, 0.4226, 0.4043



80.3841, 0.3762, 0.4394



17.1924, 0.3279, 0.3419



19.3436, 0.5269, 0.4199



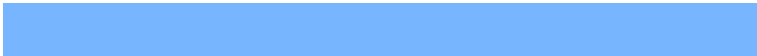
1.8078, 0.5088, 0.4342

Inverse Universe

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



43.7270, 0.2398, 0.2540



44.2710, 0.2256, 0.2361



27.8782, 0.2311, 0.1908



16.4077, 0.2980, 0.3157



9.6521, 0.1729, 0.1425



0.9992, 0.1799, 0.1676

Previews

White Background



This preview shows how the Yxy color 56.6700, 0.4010, 0.3929 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 56.6700, 0.4010, 0.3929 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 56.6700, 0.4010, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 56.6700, 0.4010, 0.3929.



This preview shows how white text looks on a background with the Yxy color 56.6700, 0.4010, 0.3929.

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

56.6700, 0.4010, 0.3929

Protanopia

57.0432, 0.3746, 0.4045

Deuteranopia

56.6700, 0.4010, 0.3929



Tritanopia

56.6745, 0.3546, 0.3140

Trichromacy



Original Color

56.6700, 0.4010, 0.3929

Protanomaly

56.8891, 0.3835, 0.4006

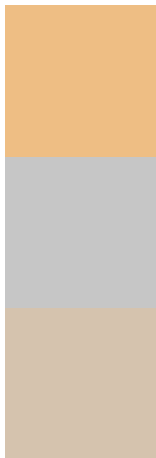
Deuteranomaly

56.6700, 0.4010, 0.3929

Tritanomaly

56.5923, 0.3721, 0.3423

Monochromacy



Original Color

56.6700, 0.4010, 0.3929

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2323, 0.3437, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6700, 0.4010, 0.3929 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(238, 190, 132)` looks like.

```
.text, #text, p{  
    color:rgb(238, 190, 132)  
}
```

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(238, 190, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 190, 132) }
```

Border

The CSS property to change the border of an element to Yxy 56.6700, 0.4010, 0.3929 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(238, 190, 132) }
```

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

```
.border{ border-color:rgb(238, 190, 132) }
```

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

Here you see how a box with a 4 pixel rgb(238, 190, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 190, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 190, 132);  
box-shadow:4px 4px 4px 4px rgb(238, 190,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6700, 0.4010, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 190, 132) }
```

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

```
.background{ background-color: rgb(238,  
190, 132) }
```

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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