

Converting Colors

Yxy(50.2289, 0.4156, 0.3930)

Have a look what the booklet for
Yxy(50.2289, 0.4156, 0.3930)
contains.

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Color

Yxy(50.4384, 0.4161, 0.3937)

Conversions

Conversions Part 1

Format	Color
Hex	EBB177
RGB	235, 177, 119
RGB Percent	92%, 69%, 47%
CMY	0.0785, 0.3058, 0.5335
CMYK	0.00, 0.25, 0.49, 0.08
HSL	30°, 74%, 69%
HSV	30°, 49%, 92%
XYZ	53.3081, 50.4384, 24.3672
YIQ	187.7300, 53.1860, -5.7420

Conversions

Conversions Part 2

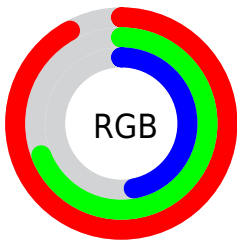
Format	Color
R_{YB}	235, 235, 119
Decimal	15446391
CIE Lab	76.34, 14.33, 37.78
CIE LCh	76, 40.404, 69.223
Yxy	50.4384, 0.4161, 0.3937
Android (android.graphics.Color)	4293636471 (0xFFEBB177)
YUV	187.7300, -33.8839, 41.4558
Hunter-Lab	71.0200, 9.6985, 29.3714

Details

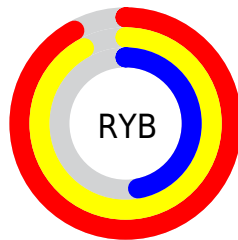
The Yxy color **50.4384, 0.4161, 0.3937** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.3372, 0.2333, 0.2518**, and the grayscale version is **50.3009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5164, 0.3685, 0.3907**, and **24.1921, 0.4438, 0.4065** is the 20% darker color. If you saturate the color by 10%, you get **45.5033, 0.4433, 0.4047**, and if you desaturate by 10%, it is **55.9171, 0.3905, 0.3810**.

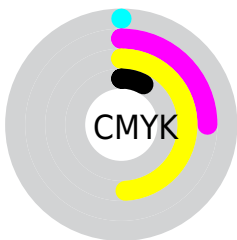
Distribution



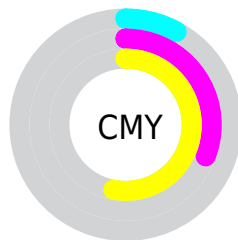
- Red (92%)
- Green (69%)
- Blue (47%)



- Red (92%)
- Yellow (92%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (49%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4384, 0.4161, 0.3937 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 50.4384, 0.4161, 0.3937 by changing the saturation by 10% instead.


 50.4384, 0.4161,
0.3937


 50.4384, 0.4161,
0.3937


388.3779, 0.3655,
0.3643


 35.7619, 0.4280,
0.3999


 90.8241, 0.3982,
0.3838

 24.2503, 0.4428,
0.4071


 117.3020, 0.3913,
0.3799

 15.5194, 0.4613,
0.4153


 148.4826, 0.3854,
0.3764

 9.1847, 0.4850,
0.4242

184.7501, 0.3804,
0.3734

 4.8619, 0.5180,
0.4344

226.4890, 0.3759,
0.3707

 2.1664, 0.5604,
0.4396

274.0836, 0.3721,

 0.7016, 0.5946,

0.3683

0.4054

327.9185, 0.3686,
0.3662

0.0000, 0.0000,
0.0000

50.4384, 0.4161,
0.3937

50.4384, 0.4161,
0.3937

45.5033, 0.4433,
0.4047

55.9171, 0.3905,
0.3810

41.0839, 0.4711,
0.4126

61.9512, 0.3672,
0.3674

37.1604, 0.4978,
0.4162

68.5609, 0.3463,
0.3538

33.7077, 0.5217,
0.4145

75.7633, 0.3279,
0.3407

30.6920, 0.5416,
0.4077

83.5743, 0.3118,
0.3282

■ 30.5157, 0.5429,
0.4072

■ 91.6861, 0.3005,
0.3215

■ 96.4000, 0.3005,
0.3290

Harmonies

Analogous

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



50.4384, 0.4204, 0.3525



50.4384, 0.4161, 0.3937



50.4384, 0.3829, 0.4231

Triad

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



50.4384, 0.4161, 0.3937



50.4384, 0.2372, 0.3425



50.4384, 0.2856, 0.2493

Complementary

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



50.4384, 0.4161, 0.3937



41.3372, 0.2333, 0.2518

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.



50.4384, 0.2417, 0.2423



50.4384, 0.4161, 0.3937



50.4384, 0.2158, 0.2903

Square

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



50.4384, 0.4161, 0.3937



50.4384, 0.2791, 0.3960



50.4384, 0.2175, 0.2555



50.4384, 0.3411, 0.2734

Rectangle

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



50.4384, 0.4161, 0.3937



50.4384, 0.3503, 0.4292



50.4384, 0.2175, 0.2555



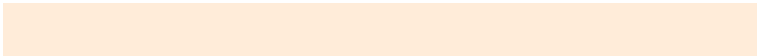
50.4384, 0.2691, 0.2449

Sweetspot

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



50.4408, 0.4161, 0.3937



86.1828, 0.3381, 0.3481



34.0189, 0.3800, 0.2650



18.0595, 0.3420, 0.3509



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.



50.4408, 0.4161, 0.3937



54.8419, 0.4430, 0.4046



78.4006, 0.3851, 0.4487



16.2993, 0.3280, 0.3408



17.2409, 0.5404, 0.4091



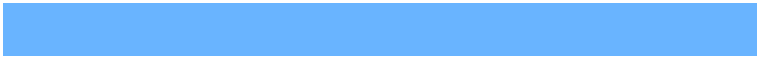
1.5462, 0.5192, 0.4260

Inverse Universe

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



41.3372, 0.2333, 0.2518



42.7283, 0.2184, 0.2328



23.1024, 0.2182, 0.1727



15.7925, 0.2981, 0.3169



10.7296, 0.1772, 0.1579



1.0349, 0.1842, 0.1830

Previews

White Background



This preview shows how the Yxy color 50.4384, 0.4161, 0.3937 looks on a white background.

Color Contrast Check

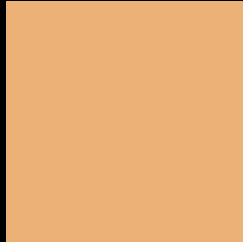
Large Text (above 18pt) WCAG AA × Fail

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 50.4384, 0.4161, 0.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

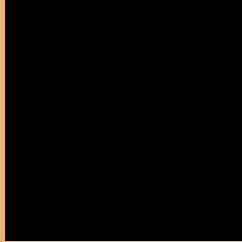
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4384, 0.4161, 0.3937

Background



This preview shows how black text looks on a background with the Yxy color 50.4384, 0.4161, 0.3937.



This preview shows how white text looks on a background with the Yxy color 50.4384, 0.4161, 0.3937.

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

50.4384, 0.4161, 0.3937

Protanopia

50.8044, 0.3792, 0.4103

Deuteranopia

50.4445, 0.4088, 0.3998



Tritanopia

50.4541, 0.3676, 0.3148

Trichromacy



Original Color

50.4384, 0.4161, 0.3937

Protanomaly

50.7020, 0.3919, 0.4040

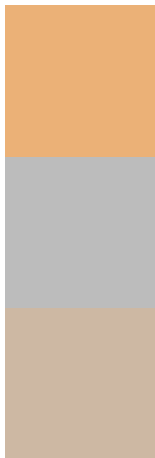
Deuteranomaly

50.5371, 0.4121, 0.3979

Tritanomaly

50.3590, 0.3864, 0.3437

Monochromacy



Original Color

50.4384, 0.4161, 0.3937

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9045, 0.3482, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4384, 0.4161, 0.3937 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(235, 177, 119)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 119)  
}
```

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(235, 177, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 119) }
```

Border

The CSS property to change the border of an element to Yxy 50.4384, 0.4161, 0.3937 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(235, 177, 119) }
```

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

```
.border{ border-color:rgb(235, 177, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 177, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 119);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4384, 0.4161, 0.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 177, 119) }
```

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

```
.background{ background-color: rgb(235,  
177, 119) }
```

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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