

Converting Colors

Yxy(50.0156, 0.4052, 0.3765)

Have a look what the booklet for
Yxy(50.0156, 0.4052, 0.3765)
contains.

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Color

Yxy(50.0156, 0.4052, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	EBAF85
RGB	235, 175, 133
RGB Percent	92%, 69%, 52%
CMY	0.0784, 0.3137, 0.4785
CMYK	0.00, 0.26, 0.43, 0.08
HSL	25°, 72%, 72%
HSV	25°, 43%, 92%
XYZ	53.8282, 50.0156, 28.9997
YIQ	188.1520, 49.2420, -0.3420

Conversions

Conversions Part 2

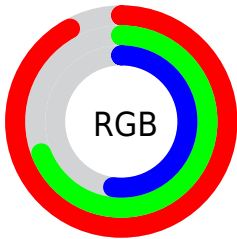
Format	Color
RYB	235, 204, 133
Decimal	15445893
CIELab	76.08, 16.78, 30.08
CIELCh	76, 34.444, 60.836
Yxy	50.0156, 0.4052, 0.3765
Android (android.graphics.Color)	4293635973 (0xFFEBAF85)
YUV	188.1520, -27.1899, 41.0857
Hunter-Lab	70.7217, 12.0982, 25.1931

Details

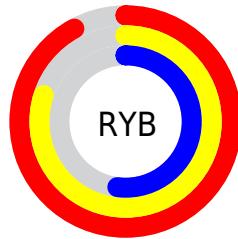
The Yxy color **50.0156, 0.4052, 0.3765** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.1247, 0.2448, 0.2750**, and the grayscale version is **50.5179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9570, 0.3597, 0.3746**, and **23.8907, 0.4303, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **44.3309, 0.4345, 0.3865**, and if you desaturate by 10%, it is **56.4014, 0.3788, 0.3654**.

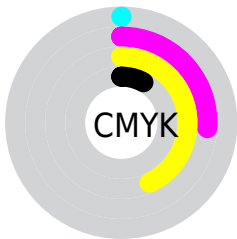
Distribution



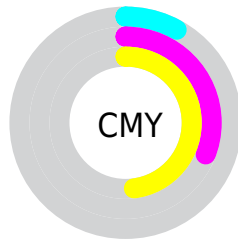
- Red (92%)
- Green (69%)
- Blue (52%)



- Red (92%)
- Yellow (80%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (43%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0156, 0.4052, 0.3765 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 50.0156, 0.4052, 0.3765 by changing the saturation by 10% instead.


 50.0156, 0.4052,
0.3765

 50.0156, 0.4052,
0.3765


386.7269, 0.3594,
0.3549


 35.4258, 0.4163,
0.3811


 90.1980, 0.3888,
0.3692

 23.9911, 0.4302,
0.3865

 116.5594, 0.3826,
0.3663

 15.3270, 0.4482,
0.3929


 147.6134, 0.3773,
0.3638

 9.0492, 0.4720,
0.4000

183.7444, 0.3727,
0.3616

 4.7733, 0.5043,
0.4068

225.3369, 0.3687,
0.3596

 2.1149, 0.5727,
0.4273

272.7752, 0.3652,

 0.6730, 0.6132,

0.3579

0.3868

326.4438, 0.3622,
0.3563

0.0000, 0.0000,
0.0000

50.0156, 0.4052,
0.3765

50.0156, 0.4052,
0.3765

44.3309, 0.4345,
0.3865

56.4014, 0.3788,
0.3654

39.3137, 0.4658,
0.3944

63.5056, 0.3556,
0.3541

34.9382, 0.4977,
0.3987

71.3542, 0.3354,
0.3430

31.1733, 0.5280,
0.3984

79.9692, 0.3181,
0.3324

27.9844, 0.5542,
0.3926

89.3719, 0.3032,
0.3226

■ 26.1739, 0.5689,
0.3865

■ 96.4055, 0.3005,
0.3290

Harmonies

Analogous

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



50.0156, 0.4006, 0.3397



50.0156, 0.4052, 0.3765



50.0156, 0.3834, 0.4049

Triad

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



50.0156, 0.4052, 0.3765



50.0156, 0.2564, 0.3542



50.0156, 0.2776, 0.2564

Complementary

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



50.0156, 0.4052, 0.3765



49.1247, 0.2448, 0.2750

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.



50.0156, 0.2436, 0.2553



50.0156, 0.4052, 0.3765



50.0156, 0.2320, 0.3079

Square

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



50.0156, 0.4052, 0.3765



50.0156, 0.2967, 0.3954



50.0156, 0.2277, 0.2727



50.0156, 0.3237, 0.2736

Rectangle

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



50.0156, 0.4052, 0.3765



50.0156, 0.3580, 0.4138



50.0156, 0.2277, 0.2727



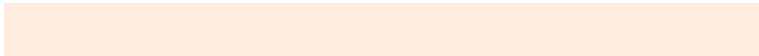
50.0156, 0.2646, 0.2541

Sweetspot

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



50.0180, 0.4052, 0.3765



86.2297, 0.3348, 0.3426



38.3395, 0.3576, 0.2616



17.9901, 0.3390, 0.3450



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.



50.0180, 0.4052, 0.3765



54.1206, 0.4308, 0.3854



73.1091, 0.3816, 0.4267



16.0728, 0.3283, 0.3387



14.8017, 0.5661, 0.3887



1.3477, 0.5411, 0.4085

Inverse Universe

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



49.1247, 0.2448, 0.2750



52.8795, 0.2320, 0.2616



30.6847, 0.2334, 0.2074



16.0216, 0.2981, 0.3191



13.7488, 0.1857, 0.1884



1.2684, 0.1916, 0.2098

Previews

White Background



This preview shows how the Yxy color 50.0156, 0.4052, 0.3765 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 50.0156, 0.4052, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

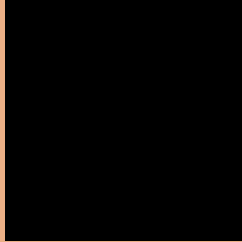
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0156, 0.4052, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 50.0156, 0.4052, 0.3765.



This preview shows how white text looks on a background with the Yxy color 50.0156, 0.4052, 0.3765.

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

50.0156, 0.4052, 0.3765

Protanopia

50.3580, 0.3650, 0.3917

Deuteranopia

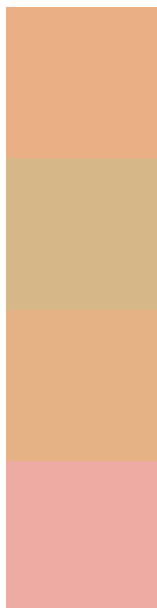
50.1558, 0.3935, 0.3852



Tritanopia

50.2374, 0.3676, 0.3159

Trichromacy



Original Color

50.0156, 0.4052, 0.3765

Protanomaly

49.9407, 0.3795, 0.3860

Deuteranomaly

50.0007, 0.3981, 0.3822

Tritanomaly

49.9833, 0.3812, 0.3370

Monochromacy



Original Color

50.0156, 0.4052, 0.3765

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.6733, 0.3442, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0156, 0.4052, 0.3765 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, 175, 133)` looks like.

```
.text, #text, p{  
    color:rgb(235, 175, 133)  
}
```

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, 175, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 175, 133) }
```

Border

The CSS property to change the border of an element to Yxy 50.0156, 0.4052, 0.3765 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, 175, 133) }
```

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

```
.border{ border-color:rgb(235, 175, 133) }
```

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

Here you see how a box with a 4 pixel rgb(235, 175, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 175, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 175, 133);  
box-shadow:4px 4px 4px 4px rgb(235, 175,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0156, 0.4052, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 175, 133) }
```

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

```
.background{ background-color: rgb(235,  
175, 133) }
```

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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