

Converting Colors

$Yxy(46.6113, 0.4344, 0.3927)$

Have a look what the booklet for
Yxy(46.6113, 0.4344, 0.3927)
contains.

Yxy(46.5323, 0.4352, 0.3924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.5323, 0.4352, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	EEA66C
RGB	238, 166, 108
RGB Percent	93%, 65%, 42%
CMY	0.0666, 0.3490, 0.5765
CMYK	0.00, 0.30, 0.55, 0.07
HSL	27°, 79%, 68%
HSV	27°, 55%, 93%
XYZ	51.6077, 46.5323, 20.4439
YIQ	180.9160, 61.5300, -2.7740

Conversions

Conversions Part 2

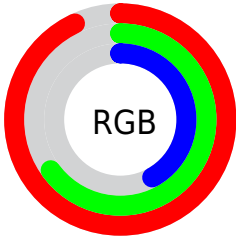
Format	Color
RYB	238, 213, 108
Decimal	15640172
CIELab	73.89, 20.45, 40.46
CIELCh	74, 45.334, 63.182
Yxy	46.5323, 0.4352, 0.3924
Android (android.graphics.Color)	4293830252 (0xFFEEA66C)
YUV	180.9160, -35.9476, 50.0627
Hunter-Lab	68.2146, 15.6685, 29.9810

Details

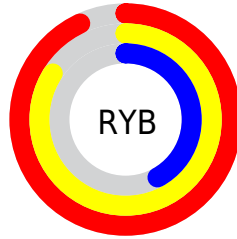
The Yxy color **46.5323, 0.4352, 0.3924** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.0074, 0.2272, 0.2516**, and the grayscale version is **46.3346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5110, 0.3807, 0.3914**, and **21.9341, 0.4672, 0.4035** is the 20% darker color. If you saturate the color by 10%, you get **41.5453, 0.4652, 0.4007**, and if you desaturate by 10%, it is **52.1536, 0.4068, 0.3817**.

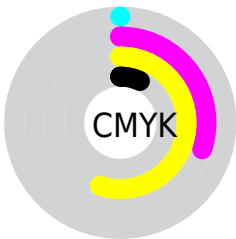
Distribution



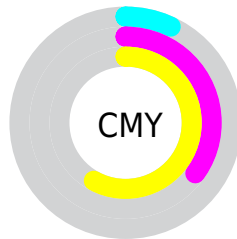
- Red (93%)
- Green (65%)
- Blue (42%)



- Red (93%)
- Yellow (84%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (55%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5323, 0.4352, 0.3924 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 46.5323, 0.4352, 0.3924 by changing the saturation by 10% instead.


 46.5323, 0.4352,
0.3924


 46.5323, 0.4352,
0.3924


372.9446, 0.3746,
0.3645


 32.6661, 0.4496,
0.3978


 85.0151, 0.4136,
0.3833


 21.8708, 0.4674,
0.4038


 110.4004, 0.4054,
0.3796

 13.7620, 0.4897,
0.4099


 140.3942, 0.3983,
0.3763

 7.9553, 0.5179,
0.4149

 175.3809, 0.3922,
0.3734

 4.0664, 0.5680,
0.4266

215.7449, 0.3870,
0.3708

 1.7108, 0.5966,
0.4034

261.8706, 0.3823,

 0.4306, 0.6789,

0.3685

0.3211

314.1424, 0.3782,
0.3664

0.0000, 0.0000,
0.0000

46.5323, 0.4352,
0.3924

46.5323, 0.4352,
0.3924

41.5453, 0.4652,
0.4007

52.1536, 0.4068,
0.3817

37.1594, 0.4954,
0.4053

58.4265, 0.3809,
0.3699

33.3480, 0.5236,
0.4050

65.3763, 0.3578,
0.3576

30.0785, 0.5477,
0.3992

73.0245, 0.3376,
0.3456

28.5277, 0.5590,
0.3943

81.3916, 0.3200,
0.3341

■ 90.4970, 0.3049,
0.3233

■ 96.9209, 0.3023,
0.3290

Harmonies

Analogous

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



46.5323, 0.4333, 0.3445



46.5323, 0.4352, 0.3924



46.5323, 0.4020, 0.4313

Triad

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



46.5323, 0.4352, 0.3924



46.5323, 0.2341, 0.3575



46.5323, 0.2697, 0.2356

Complementary

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



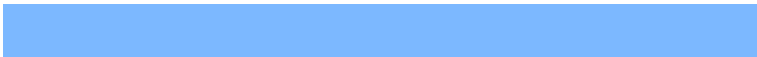
46.5323, 0.4352, 0.3924



42.0074, 0.2272, 0.2516

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.



46.5323, 0.2245, 0.2316



46.5323, 0.4352, 0.3924



46.5323, 0.2053, 0.2943

Square

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



46.5323, 0.4352, 0.3924



46.5323, 0.2851, 0.4176



46.5323, 0.2024, 0.2505



46.5323, 0.3317, 0.2591

Rectangle

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



46.5323, 0.4352, 0.3924



46.5323, 0.3666, 0.4443



46.5323, 0.2024, 0.2505



46.5323, 0.2523, 0.2319

Sweetspot

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



46.5346, 0.4352, 0.3924



84.0650, 0.3403, 0.3473



32.2664, 0.3801, 0.2501



17.5885, 0.3443, 0.3497



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.



46.5346, 0.4352, 0.3924



47.7074, 0.4701, 0.4017



75.4973, 0.3961, 0.4525



16.9198, 0.3282, 0.3396



16.1618, 0.5564, 0.3964



1.5401, 0.5339, 0.4143

Inverse Universe

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



42.0074, 0.2272, 0.2516



41.8409, 0.2116, 0.2315



22.0032, 0.2091, 0.1647



16.6806, 0.2980, 0.3182



12.8861, 0.1823, 0.1762



1.2703, 0.1884, 0.1980

Previews

White Background



This preview shows how the Yxy color 46.5323, 0.4352, 0.3924 looks on a white background.

Color Contrast Check

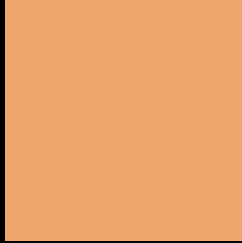
Large Text (above 18pt) WCAG AA × Fail

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 46.5323, 0.4352, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

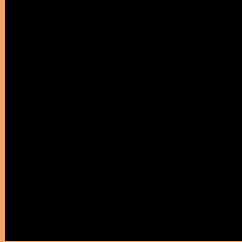
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5323, 0.4352, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 46.5323, 0.4352, 0.3924.



This preview shows how white text looks on a background with the Yxy color 46.5323, 0.4352, 0.3924.

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

46.5323, 0.4352, 0.3924

Protanopia

46.6766, 0.3831, 0.4153

Deuteranopia

46.6849, 0.4158, 0.4082



Tritanopia

46.4107, 0.3843, 0.3160

Trichromacy



Original Color

46.5323, 0.4352, 0.3924

Protanomaly

46.3667, 0.4021, 0.4063

Deuteranomaly

46.5183, 0.4225, 0.4020

Tritanomaly

46.2971, 0.4043, 0.3448

Monochromacy



Original Color

46.5323, 0.4352, 0.3924

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.9403, 0.3552, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5323, 0.4352, 0.3924 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, 166, 108)` looks like.

```
.text, #text, p{  
    color:rgb(238, 166, 108)  
}
```

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, 166, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 166, 108) }
```

Border

The CSS property to change the border of an element to Yxy 46.5323, 0.4352, 0.3924 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, 166, 108) }
```

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

```
.border{ border-color:rgb(238, 166, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 166, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 166, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 166, 108);  
box-shadow:4px 4px 4px 4px rgb(238, 166,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5323, 0.4352, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 166, 108) }
```

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

```
.background{ background-color: rgb(238,  
166, 108) }
```

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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