

Converting Colors

$Yxy(52.3634, 0.4281, 0.4212)$

Have a look what the booklet for
Yxy(52.3634, 0.4281, 0.4212)
contains.

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Color

Yxy(52.2412, 0.4275, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	EAB762
RGB	234, 183, 98
RGB Percent	92%, 72%, 38%
CMY	0.0823, 0.2824, 0.6158
CMYK	0.00, 0.22, 0.58, 0.08
HSL	38°, 76%, 65%
HSV	38°, 58%, 92%
XYZ	53.0730, 52.2412, 18.8332
YIQ	188.5590, 57.6810, -15.6230

Conversions

Conversions Part 2

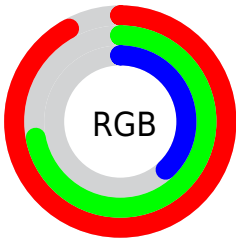
Format	Color
RYB	180, 234, 98
Decimal	15382370
CIELab	77.42, 9.04, 49.64
CIELCh	77, 50.460, 79.681
Yxy	52.2412, 0.4275, 0.4208
Android (android.graphics.Color)	4293572450 (0xFFEAB762)
YUV	188.5590, -44.6456, 39.8518
Hunter-Lab	72.2781, 4.5839, 35.1457

Details

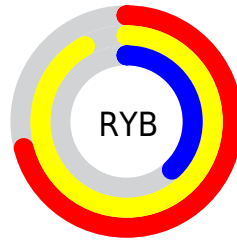
The Yxy color **52.2412, 0.4275, 0.4208** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **30.0270, 0.2147, 0.2104**, and the grayscale version is **50.8593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2274, 0.3798, 0.4167**, and **25.2845, 0.4540, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **48.3565, 0.4498, 0.4318**, and if you desaturate by 10%, it is **56.4859, 0.4048, 0.4068**.

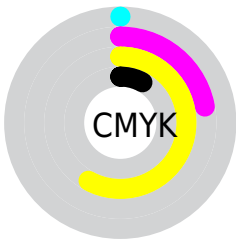
Distribution



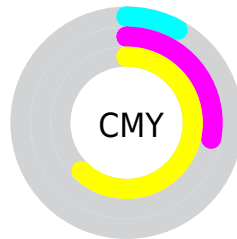
- Red (92%)
- Green (72%)
- Blue (38%)



- Red (71%)
- Yellow (92%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (58%)
- Black (8%)




- Cyan (8%)
- Magenta (28%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2412, 0.4275, 0.4208 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 52.2412, 0.4275, 0.4208 by changing the saturation by 10% instead.

 52.2412, 0.4275,
0.4208

 52.2412, 0.4275,
0.4208

395.3671, 0.3731,
0.3794


 37.1974, 0.4395,
0.4292


 93.4869, 0.4088,
0.4071


 25.3603, 0.4539,
0.4388


 120.4575, 0.4014,
0.4015

 16.3457, 0.4709,
0.4494


 152.1725, 0.3951,
0.3967

 9.7691, 0.4908,
0.4601

 189.0163, 0.3895,
0.3924

 5.2462, 0.5227,
0.4773

231.3732, 0.3847,
0.3886

 2.3924, 0.5329,
0.4671

279.6277, 0.3804,

 0.8220, 0.5519,

0.3852

0.4481

334.1642, 0.3765,
0.3821

■ 0.0000, 0.0000,
0.0000

■ 52.2412, 0.4275,
0.4208

■ 52.2412, 0.4275,
0.4208

■ 48.3565, 0.4498,
0.4318

■ 56.4859, 0.4048,
0.4068

■ 44.8085, 0.4706,
0.4387

■ 61.0971, 0.3828,
0.3910

■ 41.5818, 0.4888,
0.4405

■ 66.0906, 0.3620,
0.3744

■ 38.6528, 0.5036,
0.4371

■ 71.4784, 0.3429,
0.3578

■ 38.1343, 0.5063,
0.4362

■ 77.2720, 0.3255,
0.3416

■ 83.4824, 0.3099,
0.3262

■ 89.6753, 0.2999,
0.3184

■ 95.0953, 0.2999,
0.3272

■ 96.2355, 0.2999,
0.3290

Harmonies

Analogous

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



52.2412, 0.4479, 0.3730



52.2412, 0.4275, 0.4208



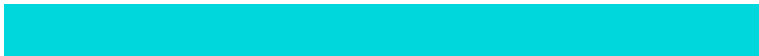
52.2412, 0.3767, 0.4511

Triad

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



52.2412, 0.4275, 0.4208



52.2412, 0.2088, 0.3202



52.2412, 0.3016, 0.2413

Complementary

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



52.2412, 0.4275, 0.4208



30.0270, 0.2147, 0.2104

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.



52.2412, 0.2423, 0.2252



52.2412, 0.4275, 0.4208



52.2412, 0.1937, 0.2626

Square

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



52.2412, 0.4275, 0.4208



52.2412, 0.2506, 0.3912



52.2412, 0.2053, 0.2312



52.2412, 0.3711, 0.2755

Rectangle

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



52.2412, 0.4275, 0.4208



52.2412, 0.3340, 0.4513



52.2412, 0.2053, 0.2312



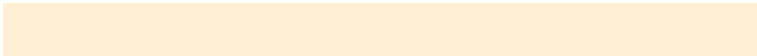
52.2412, 0.2798, 0.2337

Sweetspot

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



52.2437, 0.4275, 0.4208



87.5790, 0.3410, 0.3560



28.4308, 0.4200, 0.2725



18.4520, 0.3446, 0.3594



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.



52.2437, 0.4275, 0.4208



57.7823, 0.4545, 0.4337



74.6650, 0.3834, 0.4725



16.6227, 0.3277, 0.3437



21.6752, 0.5045, 0.4376



1.8858, 0.4896, 0.4495

Inverse Universe

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



30.0270, 0.2147, 0.2104



28.5533, 0.1959, 0.1807



18.2377, 0.2102, 0.1466



15.4744, 0.2980, 0.3139



7.4595, 0.1665, 0.1194



0.7653, 0.1742, 0.1470

Previews

White Background



This preview shows how the Yxy color 52.2412, 0.4275, 0.4208 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 52.2412, 0.4275, 0.4208 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 52.2412, 0.4275, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 52.2412, 0.4275, 0.4208.



This preview shows how white text looks on a background with the Yxy color 52.2412, 0.4275, 0.4208.

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

52.2412, 0.4275, 0.4208

Protanopia

52.4877, 0.3990, 0.4357

Deuteranopia

51.9999, 0.4290, 0.4194



Tritanopia

52.1331, 0.3629, 0.3149

Trichromacy



Original Color

52.2412, 0.4275, 0.4208

Protanomaly

52.3754, 0.4087, 0.4306

Deuteranomaly

51.9999, 0.4290, 0.4194

Tritanomaly

51.9545, 0.3881, 0.3549

Monochromacy



Original Color

52.2412, 0.4275, 0.4208

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9201, 0.3532, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2412, 0.4275, 0.4208 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(234, 183, 98)` looks like.

```
.text, #text, p{  
    color:rgb(234, 183, 98)  
}
```

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(234, 183, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 183, 98) }
```

Border

The CSS property to change the border of an element to Yxy 52.2412, 0.4275, 0.4208 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(234, 183, 98) }
```

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

```
.border{ border-color:rgb(234, 183, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 183, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 183, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 183, 98);  
box-shadow:4px 4px 4px 4px rgb(234, 183,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2412, 0.4275, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 183, 98) }
```

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

```
.background{ background-color: rgb(234,  
183, 98) }
```

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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