

Converting Colors

$Y_{xy}(45.0863, 0.4292, 0.4110)$

Have a look what the booklet for
Yxy(45.0863, 0.4292, 0.4110)
contains.

| | |
|---|----|
| Yxy(45.0863, 0.4292, 0.4110) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(45.0863, 0.4292, 0.4110)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0A961 |
| RGB | 224, 169, 97 |
| RGB Percent | 88%, 66%, 38% |
| CMY | 0.1216, 0.3372, 0.6196 |
| CMYK | 0.00, 0.25, 0.57, 0.12 |
| HSL | 34°, 67%, 63% |
| HSV | 34°, 57%, 88% |
| XYZ | 47.0828, 45.0863, 17.5299 |
| YIQ | 177.2370, 55.8920, -10.7320 |

Conversions

Conversions Part 2

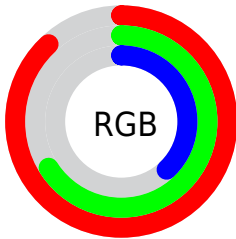
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 224, 97 |
| Decimal | 14723425 |
| CIELab | 72.95, 12.22, 44.56 |
| CIELCh | 73, 46.203, 74.663 |
| Yxy | 45.0863, 0.4292, 0.4110 |
| Android (android.graphics.Color) | 4292913505 (0xFFE0A961) |
| YUV | 177.2370, -39.5568, 41.0112 |
| Hunter-Lab | 67.1463, 7.6576, 31.5236 |

Details

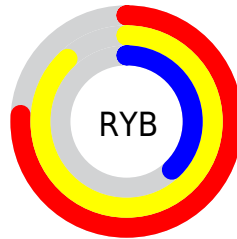
The Yxy color **45.0863, 0.4292, 0.4110** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.3705, 0.2196, 0.2253**, and the grayscale version is **44.2884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7412, 0.3870, 0.4051**, and **21.0348, 0.4594, 0.4276** is the 20% darker color. If you saturate the color by 10%, you get **41.2525, 0.4540, 0.4214**, and if you desaturate by 10%, it is **49.3101, 0.4047, 0.3979**.

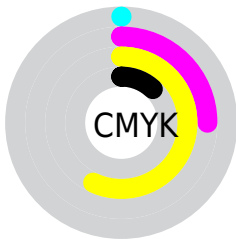
Distribution



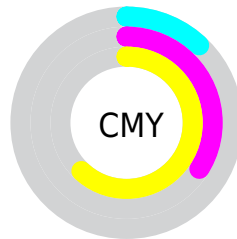
- Red (88%)
- Green (66%)
- Blue (38%)



- Red (76%)
- Yellow (88%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (12%)





- Cyan (12%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0863, 0.4292, 0.4110 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 45.0863, 0.4292, 0.4110 by changing the saturation by 10% instead.

 45.0863, 0.4292,
0.4110


 45.0863, 0.4292,
0.4110


367.1230, 0.3720,
0.3734

 31.5254, 0.4425,
0.4188

 82.8499, 0.4090,
0.3984

 20.9993, 0.4586,
0.4276


 107.8214, 0.4012,
0.3934

 13.1235, 0.4785,
0.4372


 137.3652, 0.3946,
0.3889

 7.5136, 0.5025,
0.4466

 171.8657, 0.3888,
0.3850

 3.7853, 0.5399,
0.4601

211.7074, 0.3838,
0.3816

 1.5542, 0.5571,
0.4429

257.2746, 0.3794,

 0.3264, 0.6509,

0.3786

0.3491

308.9516, 0.3755,
0.3758

0.0000, 0.0000,
0.0000

45.0863, 0.4292,
0.4110

45.0863, 0.4292,
0.4110

41.2525, 0.4540,
0.4214

49.3101, 0.4047,
0.3979

37.7860, 0.4778,
0.4278

53.9318, 0.3815,
0.3833

34.6712, 0.4993,
0.4292


58.9672, 0.3600,
0.3681


31.8866, 0.5172,
0.4252


64.4291, 0.3406,
0.3530


31.0287, 0.5227,
0.4232

70.3295, 0.3232,
0.3383

 76.6799, 0.3078,
0.3245

 83.4911, 0.2943,
0.3117

 89.3330, 0.2938,
0.3204

 94.5850, 0.2940,
0.3289

Harmonies

Analogous

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



45.0863, 0.4424, 0.3637



45.0863, 0.4292, 0.4110



45.0863, 0.3844, 0.4438

Triad

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



45.0863, 0.4292, 0.4110



45.0863, 0.2175, 0.3319



45.0863, 0.2914, 0.2402

Complementary

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



45.0863, 0.4292, 0.4110



30.3705, 0.2196, 0.2253

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.



45.0863, 0.2372, 0.2280



45.0863, 0.4292, 0.4110



45.0863, 0.1983, 0.2729

Square

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



45.0863, 0.4292, 0.4110



45.0863, 0.2619, 0.3992



45.0863, 0.2052, 0.2379



45.0863, 0.3580, 0.2708

Rectangle

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



45.0863, 0.4292, 0.4110



45.0863, 0.3442, 0.4481



45.0863, 0.2052, 0.2379



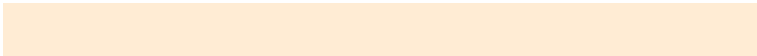
45.0863, 0.2713, 0.2339

Sweetspot

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



45.0885, 0.4292, 0.4110



86.1211, 0.3414, 0.3536



26.6624, 0.4065, 0.2665



18.1071, 0.3451, 0.3566



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.



45.0885, 0.4292, 0.4110



54.4785, 0.4584, 0.4228



68.6925, 0.3870, 0.4665



14.9841, 0.3278, 0.3423



18.2963, 0.5207, 0.4248



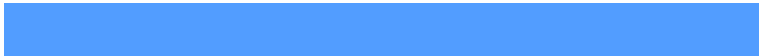
1.4452, 0.5009, 0.4405

Inverse Universe

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



30.3705, 0.2196, 0.2253



32.9974, 0.2021, 0.1991



16.9621, 0.2087, 0.1500



14.2144, 0.2981, 0.3153



8.3251, 0.1713, 0.1368



0.7525, 0.1797, 0.1668

Previews

White Background



This preview shows how the Yxy color 45.0863, 0.4292, 0.4110 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 45.0863, 0.4292, 0.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

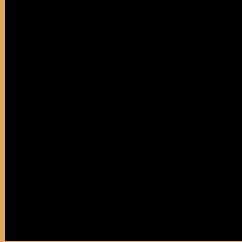
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0863, 0.4292, 0.4110

Background



This preview shows how black text looks on a background with the Yxy color 45.0863, 0.4292, 0.4110.



This preview shows how white text looks on a background with the Yxy color 45.0863, 0.4292, 0.4110.

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

45.0863, 0.4292, 0.4110

Protanopia

45.0501, 0.3938, 0.4276

Deuteranopia

45.2045, 0.4240, 0.4146



Tritanopia

44.9432, 0.3694, 0.3153

Trichromacy



Original Color

45.0863, 0.4292, 0.4110

Protanomaly

44.8454, 0.4066, 0.4206

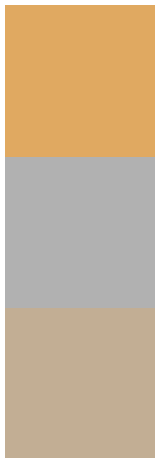
Deuteranomaly

44.9847, 0.4257, 0.4131

Tritanomaly

44.7327, 0.3931, 0.3503

Monochromacy



Original Color

45.0863, 0.4292, 0.4110

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8796, 0.3536, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0863, 0.4292, 0.4110 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(224, 169, 97)` looks like.

```
.text, #text, p{  
    color:rgb(224, 169, 97)  
}
```

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(224, 169, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 169, 97) }
```

Border

The CSS property to change the border of an element to Yxy 45.0863, 0.4292, 0.4110 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(224, 169, 97) }
```

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

```
.border{ border-color:rgb(224, 169, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 169, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 169, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 169, 97);  
box-shadow:4px 4px 4px 4px rgb(224, 169,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0863, 0.4292, 0.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 169, 97) }
```

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

```
.background{ background-color: rgb(224,  
169, 97) }
```

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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