

Converting Colors

$Yxy(50.0894, 0.4356, 0.4472)$

Have a look what the booklet for
Yxy(50.0894, 0.4356, 0.4472)
contains.

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Color

Yxy(50.1692, 0.4356, 0.4477)

Conversions

Conversions Part 1

Format	Color
Hex	E0B747
RGB	224, 183, 71
RGB Percent	88%, 72%, 28%
CMY	0.1216, 0.2823, 0.7214
CMYK	0.00, 0.18, 0.68, 0.12
HSL	44°, 71%, 58%
HSV	44°, 68%, 88%
XYZ	48.8133, 50.1692, 13.0774
YIQ	182.4910, 60.3880, -26.1400

Conversions

Conversions Part 2

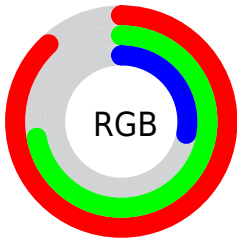
Format	Color
RYB	127, 224, 71
Decimal	14726983
CIELab	76.17, 3.11, 60.24
CIELCh	76, 60.322, 87.044
Yxy	50.1692, 0.4356, 0.4477
Android (android.graphics.Color)	4292917063 (0xFFE0B747)
YUV	182.4910, -54.9651, 36.4034
Hunter-Lab	70.8302, -0.9380, 38.6344

Details

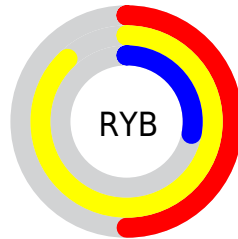
The Yxy color **50.1692, 0.4356, 0.4477** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **18.3193, 0.1933, 0.1620**, and the grayscale version is **47.3456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4737, 0.3948, 0.4400**, and **23.9799, 0.4606, 0.4692** is the 20% darker color. If you saturate the color by 10%, you get **47.5105, 0.4517, 0.4565**, and if you desaturate by 10%, it is **53.0444, 0.4175, 0.4348**.

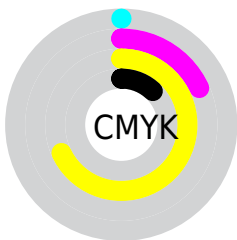
Distribution



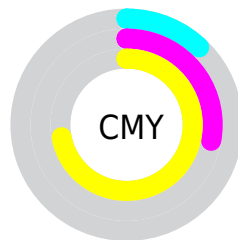
- Red (88%)
- Green (72%)
- Blue (28%)



- Red (50%)
- Yellow (88%)
- Blue (28%)



- Cyan (0%)
- Magenta (18%)
- Yellow (68%)
- Black (12%)





- Cyan (12%)
- Magenta (28%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1692, 0.4356, 0.4477 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 50.1692, 0.4356, 0.4477 by changing the saturation by 10% instead.


 50.1692, 0.4356,
0.4477

 50.1692, 0.4356,
0.4477


387.3272, 0.3792,
0.3942


 35.5479, 0.4471,
0.4582


 90.4255, 0.4169,
0.4302


 24.0852, 0.4600,
0.4698


 116.8293, 0.4093,
0.4231


 15.3968, 0.4741,
0.4818


 147.9293, 0.4026,
0.4167

 9.0984, 0.4936,
0.4983

 184.1100, 0.3968,
0.4111

 4.8054, 0.5000,
0.5000

 225.7558, 0.3916,
0.4062

 2.1335, 0.5039,
0.4961

273.2509, 0.3870,

 0.6834, 0.5149,

0.4018

0.4851

326.9800, 0.3829,
0.3978

0.0000, 0.0000,
0.0000

50.1692, 0.4356,
0.4477

50.1692, 0.4356,
0.4477

47.5105, 0.4517,
0.4565

53.0444, 0.4175,
0.4348

45.0475, 0.4650,
0.4605

56.1404, 0.3984,
0.4188

42.7633, 0.4754,
0.4598

59.4703, 0.3791,
0.4009

42.3858, 0.4770,
0.4594

63.0436, 0.3602,
0.3819

66.8689, 0.3422,
0.3627

■ 70.9545, 0.3255,
0.3439

■ 75.3082, 0.3102,
0.3260

■ 79.9372, 0.2963,
0.3091

■ 83.6597, 0.2936,
0.3106

Harmonies

Analogous

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



50.1692, 0.4728, 0.3921



50.1692, 0.4356, 0.4477



50.1692, 0.3682, 0.4801

Triad

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



50.1692, 0.4356, 0.4477



50.1692, 0.1824, 0.2967



50.1692, 0.3187, 0.2340

Complementary

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



50.1692, 0.4356, 0.4477



18.3193, 0.1933, 0.1620

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.



50.1692, 0.2435, 0.2097



50.1692, 0.4356, 0.4477



50.1692, 0.1735, 0.2364

Square

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



50.1692, 0.4356, 0.4477



50.1692, 0.2227, 0.3837



50.1692, 0.1940, 0.2090



50.1692, 0.4026, 0.2773

Rectangle

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



50.1692, 0.4356, 0.4477



50.1692, 0.3162, 0.4737



50.1692, 0.1940, 0.2090



50.1692, 0.2914, 0.2235

Sweetspot

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



50.1716, 0.4356, 0.4477



88.7259, 0.3455, 0.3662



21.5824, 0.4748, 0.2842



18.6764, 0.3505, 0.3717



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.



50.1716, 0.4356, 0.4477



62.2820, 0.4578, 0.4588



64.8275, 0.3789, 0.4988



15.3755, 0.3274, 0.3461



24.8693, 0.4760, 0.4603



1.8689, 0.4653, 0.4688

Inverse Universe

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



18.3193, 0.1933, 0.1620



17.2907, 0.1735, 0.1254



12.8467, 0.2020, 0.1210



13.8379, 0.2981, 0.3113



5.1785, 0.1592, 0.0931



0.5046, 0.1676, 0.1232

Previews

White Background



This preview shows how the Yxy color 50.1692, 0.4356, 0.4477 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 Xy color 50.1692, 0.4356, 0.4477 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 50.1692, 0.4356, 0.4477

Background



This preview shows how black text looks on a background with the Yxy color 50.1692, 0.4356, 0.4477.



This preview shows how white text looks on a background with the Yxy color 50.1692, 0.4356, 0.4477.

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

50.1692, 0.4356, 0.4477

Protanopia

50.1491, 0.4180, 0.4580

Deuteranopia

50.2005, 0.4472, 0.4383



Tritanopia

50.3315, 0.3569, 0.3145

Trichromacy



Original Color

50.1692, 0.4356, 0.4477

Protanomaly

50.0328, 0.4246, 0.4544

Deuteranomaly

49.9334, 0.4429, 0.4412

Tritanomaly

49.8873, 0.3903, 0.3660

Monochromacy



Original Color

50.1692, 0.4356, 0.4477

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2792, 0.3592, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1692, 0.4356, 0.4477 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, 183, 71)` looks like.

```
.text, #text, p{  
    color:rgb(224, 183, 71)  
}
```

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, 183, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 183, 71) }
```

Border

The CSS property to change the border of an element to Yxy 50.1692, 0.4356, 0.4477 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, 183, 71) }
```

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

```
.border{ border-color:rgb(224, 183, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 183, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 183, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 183, 71);  
box-shadow:4px 4px 4px 4px rgb(224, 183,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1692, 0.4356, 0.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 183, 71) }
```

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

```
.background{ background-color: rgb(224,  
183, 71) }
```

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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