

Converting Colors

$Yxy(50.6224, 0.4088, 0.4482)$

Have a look what the booklet for
Yxy(50.6224, 0.4088, 0.4482)
contains.

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Color

Yxy(50.6224, 0.4088, 0.4482)

Conversions

Conversions Part 1

Format	Color
Hex	D1BD56
RGB	209, 189, 86
RGB Percent	82%, 74%, 34%
CMY	0.1804, 0.2588, 0.6626
CMYK	0.00, 0.10, 0.59, 0.18
HSL	50°, 57%, 58%
HSV	50°, 59%, 82%
XYZ	46.1723, 50.6224, 16.1513
YIQ	183.2380, 44.9830, -27.7930

Conversions

Conversions Part 2

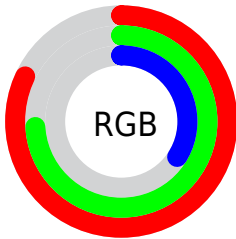
Format	Color
RYB	110, 209, 86
Decimal	13745494
CIELab	76.45, -5.44, 53.52
CIElCh	76, 53.800, 95.800
Yxy	50.6224, 0.4088, 0.4482
Android (android.graphics.Color)	4291935574 (0xFFD1BD56)
YUV	183.2380, -47.9383, 22.5933
Hunter-Lab	71.1494, -8.6741, 36.3455

Details

The Yxy color **50.6224, 0.4088, 0.4482** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **16.8999, 0.2053, 0.1692**, and the grayscale version is **47.7446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4289, 0.3844, 0.4328**, and **24.3935, 0.4285, 0.4745** is the 20% darker color. If you saturate the color by 10%, you get **48.8906, 0.4231, 0.4624**, and if you desaturate by 10%, it is **52.4917, 0.3929, 0.4307**.

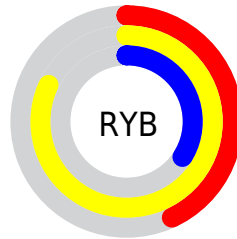
Distribution



Red (82%)

Green (74%)

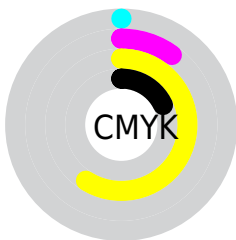
Blue (34%)



Red (43%)

Yellow (82%)

Blue (34%)

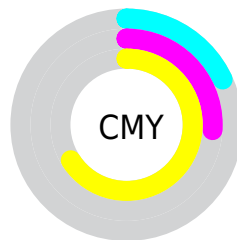


Cyan (0%)

Magenta (10%)

Yellow (59%)

Black (18%)



Cyan (18%)

Magenta (26%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6224, 0.4088, 0.4482 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 50.6224, 0.4088, 0.4482 by changing the saturation by 10% instead.

50.6224, 0.4088,
0.4482

50.6224, 0.4088,
0.4482

389.0949, 0.3646,
0.3917

35.9082, 0.4179,
0.4605

91.0964, 0.3940,
0.4288

24.3633, 0.4284,
0.4751

117.6249, 0.3881,
0.4212

15.6033, 0.4399,
0.4920

148.8604, 0.3829,
0.4146

9.2439, 0.4522,
0.5118

185.1871, 0.3783,
0.4088

4.9006, 0.4647,
0.5353

226.9895, 0.3743,
0.4037

2.1891, 0.4577,
0.5423

274.6521, 0.3707,

0.7140, 0.4333,

0.3992

0.5667

328.5591, 0.3675,
0.3952

0.0000, 0.0000,
0.0000

50.6224, 0.4088,
0.4482

50.6224, 0.4088,
0.4482

48.8906, 0.4231,
0.4624

52.4917, 0.3929,
0.4307

47.2801, 0.4350,
0.4726

54.4994, 0.3760,
0.4109

45.7825, 0.4443,
0.4782

56.6551, 0.3589,
0.3898

44.3811, 0.4508,
0.4796

58.9655, 0.3422,
0.3683

44.2204, 0.4515,
0.4797

61.4366, 0.3261,
0.3471

■ 64.0743, 0.3110,
0.3267

■ 66.8840, 0.2971,
0.3073

■ 69.8709, 0.2843,
0.2893

■ 71.7447, 0.2835,
0.2912

Harmonies

Analogous

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



50.6224, 0.4508, 0.4035



50.6224, 0.4088, 0.4482



50.6224, 0.3438, 0.4630

Triad

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



50.6224, 0.4088, 0.4482



50.6224, 0.1896, 0.2824



50.6224, 0.3407, 0.2530

Complementary

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



50.6224, 0.4088, 0.4482



16.8999, 0.2053, 0.1692

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.



50.6224, 0.2687, 0.2250



50.6224, 0.4088, 0.4482



50.6224, 0.1891, 0.2360

Square

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



50.6224, 0.4088, 0.4482



50.6224, 0.2186, 0.3545



50.6224, 0.2159, 0.2181



50.6224, 0.4118, 0.2969

Rectangle

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



50.6224, 0.4088, 0.4482



50.6224, 0.2967, 0.4453



50.6224, 0.2159, 0.2181



50.6224, 0.3155, 0.2416

Sweetspot

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



50.6248, 0.4088, 0.4482



92.7190, 0.3411, 0.3670



21.2698, 0.4627, 0.3051



19.6109, 0.3460, 0.3733



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.



50.6248, 0.4088, 0.4482



75.9094, 0.4269, 0.4659



54.5974, 0.3614, 0.4856



13.4566, 0.3270, 0.3483



27.3888, 0.4510, 0.4801



1.6209, 0.4442, 0.4855

Inverse Universe

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



16.8999, 0.2053, 0.1692



18.4514, 0.1827, 0.1308



15.7809, 0.2325, 0.1555



11.7238, 0.2982, 0.3089



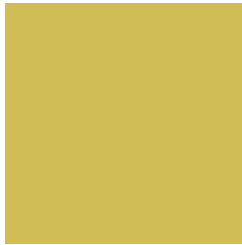
3.6390, 0.1541, 0.0748



0.3027, 0.1625, 0.1049

Previews

White Background



This preview shows how the Yxy color 50.6224, 0.4088, 0.4482 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 50.6224, 0.4088, 0.4482 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 50.6224, 0.4088, 0.4482

Background



This preview shows how black text looks on a background with the Yxy color 50.6224, 0.4088, 0.4482.



This preview shows how white text looks on a background with the Yxy color 50.6224, 0.4088, 0.4482.

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

50.6224, 0.4088, 0.4482

Protanopia

50.6224, 0.4088, 0.4482

Deuteranopia

50.6874, 0.4350, 0.4262



Tritanopia

50.7066, 0.3371, 0.3128

Trichromacy



Original Color

50.6224, 0.4088, 0.4482

Protanomaly

50.6224, 0.4088, 0.4482

Deuteranomaly

50.4188, 0.4254, 0.4338

Tritanomaly

50.2029, 0.3663, 0.3641

Monochromacy



Original Color

50.6224, 0.4088, 0.4482

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.0425, 0.3487, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6224, 0.4088, 0.4482 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(209, 189, 86)` looks like.

```
.text, #text, p{  
    color:rgb(209, 189, 86)  
}
```

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(209, 189, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 189, 86) }
```

Border

The CSS property to change the border of an element to Yxy 50.6224, 0.4088, 0.4482 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(209, 189, 86) }
```

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

```
.border{ border-color:rgb(209, 189, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 189, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 189, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 189, 86);  
box-shadow:4px 4px 4px 4px rgb(209, 189,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6224, 0.4088, 0.4482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 189, 86) }
```

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

```
.background{ background-color: rgb(209,  
189, 86) }
```

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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