

Converting Colors

$Y_{xy}(45.0192, 0.4051, 0.4539)$

Have a look what the booklet for
Yxy(45.0192, 0.4051, 0.4539)
contains.

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Color

Yxy(45.0816, 0.4049, 0.4542)

Conversions

Conversions Part 1

Format	Color
Hex	C2B54F
RGB	194, 181, 79
RGB Percent	76%, 71%, 31%
CMY	0.2391, 0.2902, 0.6901
CMYK	0.00, 0.07, 0.59, 0.24
HSL	53°, 49%, 54%
HSV	53°, 59%, 76%
XYZ	40.1883, 45.0816, 13.9850
YIQ	173.2590, 40.4900, -28.9660

Conversions

Conversions Part 2

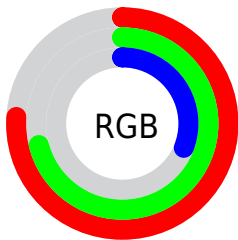
Format	Color
R_{YB}	94, 194, 79
Decimal	12760399
CIE _{Lab}	72.95, -8.10, 52.45
CIE _{LCh}	73, 53.068, 98.785
Yxy	45.0816, 0.4049, 0.4542
Android (android.graphics.Color)	4290950479 (0xFFC2B54F)
YUV	173.2590, -46.4697, 18.1899
Hunter-Lab	67.1428, -10.6588, 34.6506

Details

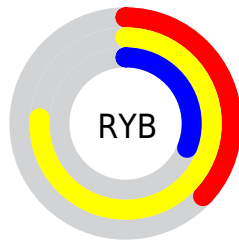
The Yxy color **45.0816, 0.4049, 0.4542** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **13.2227, 0.2030, 0.1598**, and the grayscale version is **42.1583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1170, 0.3904, 0.4329**, and **20.9118, 0.4246, 0.4832** is the 20% darker color. If you saturate the color by 10%, you get **43.9544, 0.4175, 0.4689**, and if you desaturate by 10%, it is **46.3096, 0.3904, 0.4362**.

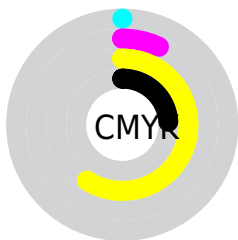
Distribution



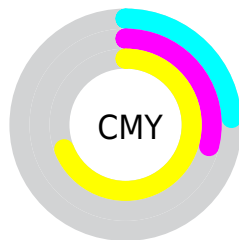
- Red (76%)
- Green (71%)
- Blue (31%)



- Red (37%)
- Yellow (76%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)
- Black (24%)





- Cyan (24%)
- Magenta (29%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0816, 0.4049, 0.4542 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 45.0816, 0.4049, 0.4542 by changing the saturation by 10% instead.


 45.0816, 0.4049,
0.4542


 45.0816, 0.4049,
0.4542


367.1039, 0.3620,
0.3932

 31.5217, 0.4137,
0.4679


 82.8428, 0.3905,
0.4329

 20.9964, 0.4237,
0.4843


 107.8130, 0.3848,
0.4246


 13.1214, 0.4343,
0.5036


 137.3553, 0.3797,
0.4175

 7.5122, 0.4482,
0.5303

 171.8543, 0.3753,
0.4113

 3.7844, 0.4504,
0.5496

 211.6942, 0.3714,
0.4059

 1.5537, 0.4373,
0.5627

257.2595, 0.3679,

 0.3261, 0.2558,

0.4011

0.7442

308.9347, 0.3648,
0.3969

■ 0.0000, 0.0000,
0.0000

■ 45.0816, 0.4049,
0.4542

■ 45.0816, 0.4049,
0.4542

■ 43.9544, 0.4175,
0.4689

■ 46.3096, 0.3904,
0.4362

■ 42.9141, 0.4278,
0.4795

■ 47.6386, 0.3747,
0.4157

■ 41.9542, 0.4353,
0.4857

■ 49.0766, 0.3585,
0.3938

■ 41.0590, 0.4405,
0.4881

■ 50.6292, 0.3423,
0.3713

■ 40.9948, 0.4408,
0.4882

■ 52.3012, 0.3266,
0.3490

■ 54.0974, 0.3117,
0.3275

■ 56.0223, 0.2977,
0.3070

■ 58.0799, 0.2848,
0.2879

■ 60.2744, 0.2731,
0.2702

Harmonies

Analogous

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



45.0816, 0.4512, 0.4100



45.0816, 0.4049, 0.4542



45.0816, 0.3371, 0.4655

Triad

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



45.0816, 0.4049, 0.4542



45.0816, 0.1856, 0.2750



45.0816, 0.3490, 0.2552

Complementary

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



45.0816, 0.4049, 0.4542



13.2227, 0.2030, 0.1598

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.



45.0816, 0.2742, 0.2248



45.0816, 0.4049, 0.4542



45.0816, 0.1880, 0.2307

Square

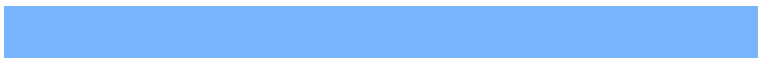
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.0816, 0.4049, 0.4542



45.0816, 0.2121, 0.3470



45.0816, 0.2179, 0.2154



45.0816, 0.4204, 0.3011

Rectangle

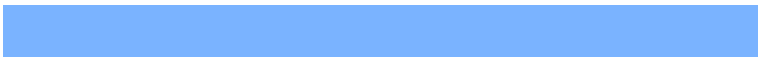
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.0816, 0.4049, 0.4542



45.0816, 0.2891, 0.4438



45.0816, 0.2179, 0.2154



45.0816, 0.3231, 0.2430

Sweetspot

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



45.0837, 0.4049, 0.4542



91.9920, 0.3407, 0.3691



17.8485, 0.4729, 0.3126



19.9563, 0.3455, 0.3758



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.



45.0837, 0.4049, 0.4542



79.0598, 0.4207, 0.4724



45.6369, 0.3564, 0.4888



11.5572, 0.3267, 0.3492



27.0219, 0.4405, 0.4885



1.2240, 0.4352, 0.4927

Inverse Universe

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



13.2227, 0.2030, 0.1598



16.4006, 0.1803, 0.1214



13.7107, 0.2381, 0.1575



9.9276, 0.2983, 0.3079



2.9999, 0.1525, 0.0691



0.1922, 0.1603, 0.0971

Previews

White Background



This preview shows how the Yxy color 45.0816, 0.4049, 0.4542 looks on a white background.

Color Contrast Check

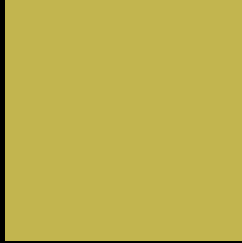
Large Text (above 18pt) WCAG AA × Fail

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 45.0816, 0.4049, 0.4542 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 45.0816, 0.4049, 0.4542

Background



This preview shows how black text looks on a background with the Yxy color 45.0816, 0.4049, 0.4542.



This preview shows how white text looks on a background with the Yxy color 45.0816, 0.4049, 0.4542.

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

45.0816, 0.4049, 0.4542

Protanopia

44.9468, 0.4111, 0.4497

Deuteranopia

44.7308, 0.4368, 0.4274



Tritanopia

45.0057, 0.3326, 0.3130

Trichromacy



Original Color

45.0816, 0.4049, 0.4542

Protanomaly

45.0773, 0.4085, 0.4517

Deuteranomaly

44.7151, 0.4250, 0.4370

Tritanomaly

44.5958, 0.3620, 0.3663

Monochromacy



Original Color

45.0816, 0.4049, 0.4542

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.7385, 0.3485, 0.3796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0816, 0.4049, 0.4542 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(194, 181, 79)` looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 79)  
}
```

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(194, 181, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 79) }
```

Border

The CSS property to change the border of an element to Yxy 45.0816, 0.4049, 0.4542 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(194, 181, 79) }
```

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

```
.border{ border-color:rgb(194, 181, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 181, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 181, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 181, 79);  
box-shadow:4px 4px 4px 4px rgb(194, 181,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0816, 0.4049, 0.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 181, 79) }
```

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

```
.background{ background-color: rgb(194,  
181, 79) }
```

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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