

Converting Colors

$Yxy(47.4617, 0.4037, 0.4630)$

Have a look what the booklet for
Yxy(47.4617, 0.4037, 0.4630)
contains.

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Color

Yxy(47.6507, 0.4039, 0.4633)

Conversions

Conversions Part 1

Format	Color
Hex	C3BB4B
RGB	195, 187, 75
RGB Percent	76%, 73%, 29%
CMY	0.2354, 0.2666, 0.7060
CMYK	0.00, 0.04, 0.62, 0.24
HSL	56°, 50%, 53%
HSV	56°, 62%, 76%
XYZ	41.5414, 47.6507, 13.6586
YIQ	176.6240, 40.7200, -33.1360

Conversions

Conversions Part 2

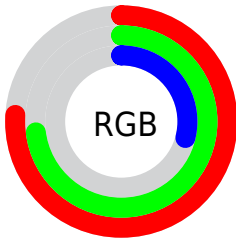
Format	Color
R_{YB}	84, 195, 75
Decimal	12827467
CIE _{Lab}	74.60, -11.09, 56.10
CIE _{LCh}	75, 57.181, 101.181
Yxy	47.6507, 0.4039, 0.4633
Android (android.graphics.Color)	4291017547 (0xFFC3BB4B)
YUV	176.6240, -50.1006, 16.1158
Hunter-Lab	69.0295, -13.3818, 36.5892

Details

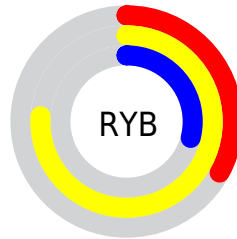
The Yxy color **47.6507, 0.4039, 0.4633** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **11.6108, 0.1968, 0.1443**, and the grayscale version is **44.0088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7305, 0.3906, 0.4410**, and **22.4909, 0.4206, 0.4952** is the 20% darker color. If you saturate the color by 10%, you get **46.8788, 0.4147, 0.4776**, and if you desaturate by 10%, it is **48.5137, 0.3910, 0.4454**.

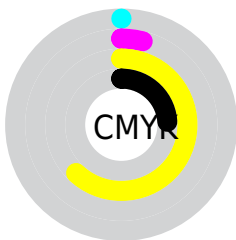
Distribution



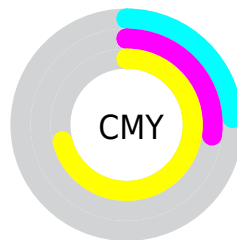
- Red (76%)
- Green (73%)
- Blue (29%)



- Red (33%)
- Yellow (76%)
- Blue (29%)



- Cyan (0%)
- Magenta (4%)
- Yellow (62%)
- Black (24%)





- Cyan (24%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6507, 0.4039, 0.4633 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 47.6507, 0.4039, 0.4633 by changing the saturation by 10% instead.


 47.6507, 0.4039,
0.4633


 47.6507, 0.4039,
0.4633


377.4059, 0.3627,
0.3983


 33.5504, 0.4120,
0.4777


 86.6841, 0.3904,
0.4408


 22.5484, 0.4207,
0.4948


 112.3860, 0.3849,
0.4320


 14.2604, 0.4296,
0.5148


 142.7238, 0.3800,
0.4244

 8.3020, 0.4410,
0.5427

 178.0819, 0.3757,
0.4178

 4.2888, 0.4385,
0.5615

 218.8448, 0.3719,
0.4120

 1.8364, 0.4221,
0.5779

265.3968, 0.3685,

 0.5097, 0.2955,

0.4069

0.7045

318.1224, 0.3654,
0.4024

0.0000, 0.0000,
0.0000

47.6507, 0.4039,
0.4633

47.6507, 0.4039,
0.4633

46.8788, 0.4147,
0.4776

48.5137, 0.3910,
0.4454

46.1837, 0.4229,
0.4877

49.4681, 0.3766,
0.4247

45.5584, 0.4284,
0.4934

50.5220, 0.3612,
0.4022

45.0696, 0.4315,
0.4956

51.6811, 0.3455,
0.3788

52.9505, 0.3300,
0.3553

■ 54.3349, 0.3150,
0.3325

■ 55.8389, 0.3008,
0.3106

■ 57.4666, 0.2876,
0.2901

■ 59.2221, 0.2754,
0.2711

Harmonies

Analogous

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



47.6507, 0.4557, 0.4174



47.6507, 0.4039, 0.4633



47.6507, 0.3315, 0.4727

Triad

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



47.6507, 0.4039, 0.4633



47.6507, 0.1785, 0.2666



47.6507, 0.3575, 0.2548

Complementary

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



47.6507, 0.4039, 0.4633



11.6108, 0.1968, 0.1443

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.



47.6507, 0.2776, 0.2216



47.6507, 0.4039, 0.4633



47.6507, 0.1835, 0.2232

Square

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



47.6507, 0.4039, 0.4633



47.6507, 0.2034, 0.3408



47.6507, 0.2168, 0.2098



47.6507, 0.4315, 0.3035

Rectangle

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



47.6507, 0.4039, 0.4633



47.6507, 0.2813, 0.4469



47.6507, 0.2168, 0.2098



47.6507, 0.3299, 0.2417

Sweetspot

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



47.6529, 0.4039, 0.4633



93.3043, 0.3404, 0.3711



17.2516, 0.4927, 0.3199



20.2892, 0.3450, 0.3781



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.



47.6529, 0.4039, 0.4633



83.5162, 0.4179, 0.4817



45.3665, 0.3521, 0.4975



11.6401, 0.3266, 0.3503



29.3482, 0.4313, 0.4958



1.3031, 0.4283, 0.4981

Inverse Universe

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



11.6108, 0.1968, 0.1443



13.6570, 0.1736, 0.1049



13.4773, 0.2407, 0.1537



9.8530, 0.2983, 0.3068



2.7926, 0.1514, 0.0649



0.1584, 0.1562, 0.0824

Previews

White Background



This preview shows how the Yxy color 47.6507, 0.4039, 0.4633 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 47.6507, 0.4039, 0.4633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

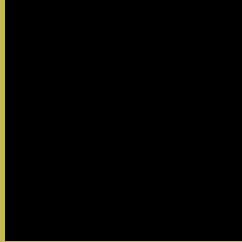
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6507, 0.4039, 0.4633

Background



This preview shows how black text looks on a background with the Yxy color 47.6507, 0.4039, 0.4633.



This preview shows how white text looks on a background with the Yxy color 47.6507, 0.4039, 0.4633.

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

47.6507, 0.4039, 0.4633

Protanopia

47.6128, 0.4150, 0.4566

Deuteranopia

47.7184, 0.4411, 0.4319



Tritanopia

47.3132, 0.3276, 0.3120

Trichromacy



Original Color

47.6507, 0.4039, 0.4633

Protanomaly

47.6098, 0.4115, 0.4591

Deuteranomaly

47.3892, 0.4276, 0.4423

Tritanomaly

46.7958, 0.3587, 0.3685

Monochromacy



Original Color

47.6507, 0.4039, 0.4633

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.1315, 0.3491, 0.3840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6507, 0.4039, 0.4633 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(195, 187, 75)` looks like.

```
.text, #text, p{  
    color:rgb(195, 187, 75)  
}
```

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(195, 187, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 187, 75) }
```

Border

The CSS property to change the border of an element to Yxy 47.6507, 0.4039, 0.4633 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(195, 187, 75) }
```

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

```
.border{ border-color:rgb(195, 187, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 187, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 187, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 187, 75);  
box-shadow:4px 4px 4px 4px rgb(195, 187,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6507, 0.4039, 0.4633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 187, 75) }
```

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

```
.background{ background-color: rgb(195,  
187, 75) }
```

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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