

Converting Colors

$Y_{xy}(44.3040, 0.3961, 0.4604)$

Have a look what the booklet for
Yxy(44.3040, 0.3961, 0.4604)
contains.

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Color

Yxy(44.3202, 0.3962, 0.4608)

Conversions

Conversions Part 1

Format	Color
Hex	B9B64E
RGB	185, 182, 78
RGB Percent	73%, 71%, 31%
CMY	0.2746, 0.2862, 0.6941
CMYK	0.00, 0.02, 0.58, 0.27
HSL	58°, 43%, 52%
HSV	58°, 58%, 73%
XYZ	38.1069, 44.3202, 13.7539
YIQ	171.0410, 35.1720, -31.7080

Conversions

Conversions Part 2

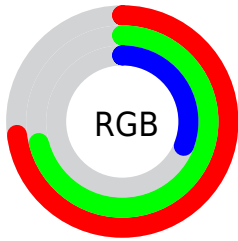
Format	Color
R _Y B	81, 185, 78
Decimal	12170830
CIE Lab	72.44, -12.53, 52.14
CIE LCh	72, 53.620, 103.512
Yxy	44.3202, 0.3962, 0.4608
Android (android.graphics.Color)	4290360910 (0xFFB9B64E)
YUV	171.0410, -45.8692, 12.2420
Hunter-Lab	66.5734, -14.3293, 34.3522

Details

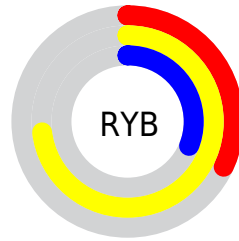
The Yxy color **44.3202, 0.3962, 0.4608** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **11.0021, 0.2031, 0.1506**, and the grayscale version is **40.9677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8425, 0.3831, 0.4377**, and **20.4295, 0.4126, 0.4942** is the 20% darker color. If you saturate the color by 10%, you get **43.8834, 0.4068, 0.4769**, and if you desaturate by 10%, it is **44.8365, 0.3836, 0.4413**.

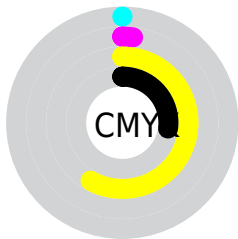
Distribution



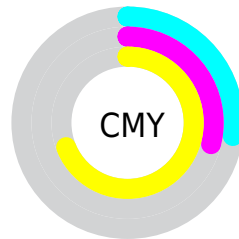
- Red (73%)
- Green (71%)
- Blue (31%)



- Red (32%)
- Yellow (73%)
- Blue (31%)



- Cyan (0%)
- Magenta (2%)
- Yellow (58%)
- Black (27%)





- Cyan (27%)
- Magenta (29%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3202, 0.3962, 0.4608 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 44.3202, 0.3962, 0.4608 by changing the saturation by 10% instead.


 44.3202, 0.3962,
0.4608

 44.3202, 0.3962,
0.4608


 364.0133, 0.3578,
0.3955

 30.9223, 0.4039,
0.4759


 81.6993, 0.3835,
0.4377


 20.5397, 0.4123,
0.4941


 106.4494, 0.3783,
0.4288


 12.7880, 0.4209,
0.5160


 135.7523, 0.3738,
0.4212

 7.2827, 0.4324,
0.5477

 169.9925, 0.3698,
0.4146

 3.6395, 0.4288,
0.5712

 209.5542, 0.3663,
0.4089

 1.4740, 0.4075,
0.5925

 254.8220, 0.3631,

 0.2703, 0.0000,

0.4039

1.0000

306.1803, 0.3603,
0.3994

0.0000, 0.0000,
0.0000

44.3202, 0.3962,
0.4608

44.3202, 0.3962,
0.4608

43.8834, 0.4068,
0.4769

44.8365, 0.3836,
0.4413

43.5134, 0.4149,
0.4890

45.4319, 0.3695,
0.4193

43.2049, 0.4205,
0.4968

46.1134, 0.3546,
0.3957

42.9463, 0.4236,
0.5007

46.8859, 0.3393,
0.3715

42.8926, 0.4242,
0.5014

47.7537, 0.3242,
0.3474

■ 48.7209, 0.3096,
0.3240

■ 49.7914, 0.2958,
0.3018

■ 50.9687, 0.2829,
0.2810

■ 52.2563, 0.2711,
0.2619

Harmonies

Analogous

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



44.3202, 0.4480, 0.4191



44.3202, 0.3962, 0.4608



44.3202, 0.3256, 0.4650

Triad

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



44.3202, 0.3962, 0.4608



44.3202, 0.1823, 0.2649



44.3202, 0.3620, 0.2606

Complementary

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



44.3202, 0.3962, 0.4608



11.0021, 0.2031, 0.1506

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.



44.3202, 0.2846, 0.2269



44.3202, 0.3962, 0.4608



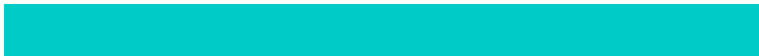
44.3202, 0.1893, 0.2250

Square

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



44.3202, 0.3962, 0.4608



44.3202, 0.2044, 0.3343



44.3202, 0.2239, 0.2138



44.3202, 0.4312, 0.3088

Rectangle

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



44.3202, 0.3962, 0.4608



44.3202, 0.2775, 0.4372



44.3202, 0.2239, 0.2138



44.3202, 0.3356, 0.2474

Sweetspot

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



44.3223, 0.3962, 0.4608



84.0754, 0.3385, 0.3702



16.3635, 0.4811, 0.3248



18.0624, 0.3415, 0.3750



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.3223, 0.3962, 0.4608



78.4522, 0.4089, 0.4800



40.3947, 0.3477, 0.4890



10.4595, 0.3264, 0.3510



29.2321, 0.4242, 0.5014



1.0440, 0.4228, 0.5025

Inverse Universe

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



11.0021, 0.2031, 0.1506



13.3183, 0.1802, 0.1126



13.5344, 0.2505, 0.1664



8.7583, 0.2984, 0.3060



2.4788, 0.1506, 0.0621



0.1010, 0.1530, 0.0706

Previews

White Background



This preview shows how the Yxy color 44.3202, 0.3962, 0.4608 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 44.3202, 0.3962, 0.4608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

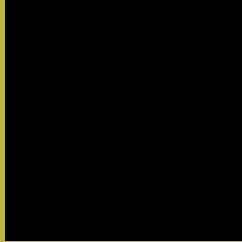
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3202, 0.3962, 0.4608

Background



This preview shows how black text looks on a background with the Yxy color 44.3202, 0.3962, 0.4608.



This preview shows how white text looks on a background with the Yxy color 44.3202, 0.3962, 0.4608.

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

44.3202, 0.3962, 0.4608

Protanopia

44.2469, 0.4112, 0.4516

Deuteranopia

44.2008, 0.4367, 0.4268



Tritanopia

44.1886, 0.3234, 0.3126

Trichromacy



Original Color

44.3202, 0.3962, 0.4608

Protanomaly

44.1135, 0.4066, 0.4547

Deuteranomaly

44.1316, 0.4212, 0.4389

Tritanomaly

43.7806, 0.3531, 0.3687

Monochromacy



Original Color

44.3202, 0.3962, 0.4608

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6962, 0.3458, 0.3819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3202, 0.3962, 0.4608 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(185, 182, 78)` looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 78)  
}
```

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(185, 182, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 78) }
```

Border

The CSS property to change the border of an element to Yxy 44.3202, 0.3962, 0.4608 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(185, 182, 78) }
```

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

```
.border{ border-color:rgb(185, 182, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 182, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 182, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 182, 78);  
box-shadow:4px 4px 4px 4px rgb(185, 182,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3202, 0.3962, 0.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 78) }
```

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

```
.background{ background-color: rgb(185,  
182, 78) }
```

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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