

Converting Colors

$Yxy(45.5149, 0.4034, 0.4824)$

Have a look what the booklet for
Yxy(45.5149, 0.4034, 0.4824)
contains.

Yxy(45.6136, 0.4031, 0.4827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.6136, 0.4031, 0.4827)

Conversions

Conversions Part 1

Format	Color
Hex	B8BA3A
RGB	184, 186, 58
RGB Percent	72%, 73%, 23%
CMY	0.2784, 0.2706, 0.7728
CMYK	0.01, 0.00, 0.69, 0.27
HSL	61°, 52%, 48%
HSV	61°, 69%, 73%
XYZ	38.0917, 45.6136, 10.7915
YIQ	170.8100, 39.8960, -40.2320

Conversions

Conversions Part 2

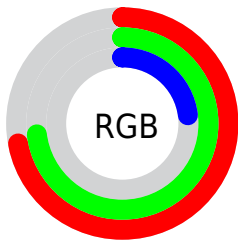
Format	Color
RYB	58, 186, 60
Decimal	12106298
CIELab	73.29, -16.25, 61.40
CIELCh	73, 63.513, 104.824
Yxy	45.6136, 0.4031, 0.4827
Android (android.graphics.Color)	4290296378 (0xFFB8BA3A)
YUV	170.8100, -55.6153, 11.5676
Hunter-Lab	67.5378, -17.5164, 37.8028

Details

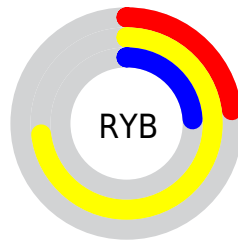
The Yxy color **45.6136, 0.4031, 0.4827** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **7.5241, 0.1825, 0.1123**, and the grayscale version is **40.8931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7512, 0.3908, 0.4565**, and **21.3643, 0.4130, 0.5103** is the 20% darker color. If you saturate the color by 10%, you get **45.4240, 0.4100, 0.4949**, and if you desaturate by 10%, it is **45.8758, 0.3937, 0.4665**.

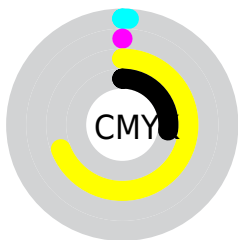
Distribution



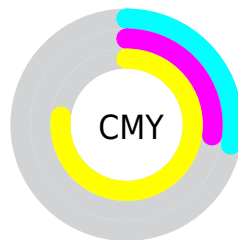
- Red (72%)
- Green (73%)
- Blue (23%)



- Red (23%)
- Yellow (73%)
- Blue (24%)



- Cyan (1%)
- Magenta (0%)
- Yellow (69%)
- Black (27%)





- Cyan (28%)
- Magenta (27%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6136, 0.4031, 0.4827 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 45.6136, 0.4031, 0.4827 by changing the saturation by 10% instead.


 45.6136, 0.4031,
0.4827


 45.6136, 0.4031,
0.4827


369.2530, 0.3637,
0.4078

 31.9410, 0.4099,
0.4992


 83.6404, 0.3908,
0.4568


 21.3164, 0.4167,
0.5185


 108.7634, 0.3855,
0.4466


 13.3555, 0.4219,
0.5406


 138.4721, 0.3808,
0.4378

 7.6738, 0.4281,
0.5719

 173.1507, 0.3766,
0.4302

 3.8869, 0.4126,
0.5874

 213.1837, 0.3728,
0.4235

 1.6105, 0.3860,
0.6140

258.9555, 0.3695,

 0.3647, 0.0000,

0.4177

1.0000

310.8505, 0.3664,
0.4125

■ 0.0000, 0.0000,
0.0000

■ 45.6136, 0.4031,
0.4827

■ 45.6136, 0.4031,
0.4827

■ 45.4240, 0.4100,
0.4949

■ 45.8758, 0.3937,
0.4665

■ 45.2929, 0.4143,
0.5027

■ 46.2110, 0.3822,
0.4467

■ 45.2090, 0.4164,
0.5070

■ 46.6270, 0.3691,
0.4243

■ 45.2003, 0.4166,
0.5074

■ 47.1292, 0.3549,
0.4002

■ 47.7223, 0.3402,
0.3753

■ 48.4108, 0.3254,
0.3504

■ 49.1988, 0.3111,
0.3263

■ 50.0904, 0.2974,
0.3033

■ 51.0892, 0.2846,
0.2818

Harmonies

Analogous

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



45.6136, 0.4658, 0.4317



45.6136, 0.4031, 0.4827



45.6136, 0.3213, 0.4899

Triad

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



45.6136, 0.4031, 0.4827



45.6136, 0.1637, 0.2502



45.6136, 0.3738, 0.2524

Complementary

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



45.6136, 0.4031, 0.4827



7.5241, 0.1825, 0.1123

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.



45.6136, 0.2829, 0.2140



45.6136, 0.4031, 0.4827



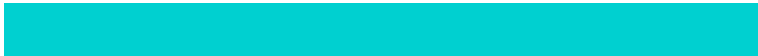
45.6136, 0.1731, 0.2080

Square

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



45.6136, 0.4031, 0.4827



45.6136, 0.1859, 0.3294



45.6136, 0.2128, 0.1978



45.6136, 0.4544, 0.3067

Rectangle

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



45.6136, 0.4031, 0.4827



45.6136, 0.2665, 0.4555



45.6136, 0.2128, 0.1978



45.6136, 0.3426, 0.2374

Sweetspot

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



45.6157, 0.4031, 0.4827



86.2136, 0.3439, 0.3815



13.7646, 0.5394, 0.3297



18.9189, 0.3480, 0.3884



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



45.6157, 0.4031, 0.4827



82.1887, 0.4127, 0.4997



39.5588, 0.3460, 0.5195



10.4961, 0.3261, 0.3516



30.4121, 0.4167, 0.5074



1.0744, 0.4174, 0.5068

Inverse Universe

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



7.5241, 0.1825, 0.1123



8.5665, 0.1608, 0.0769



10.7012, 0.2400, 0.1396



8.7259, 0.2987, 0.3054



2.4006, 0.1506, 0.0603



0.0869, 0.1530, 0.0616

Previews

White Background



This preview shows how the Yxy color 45.6136, 0.4031, 0.4827 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 45.6136, 0.4031, 0.4827 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 45.6136, 0.4031, 0.4827

Background



This preview shows how black text looks on a background with the Yxy color 45.6136, 0.4031, 0.4827.



This preview shows how white text looks on a background with the Yxy color 45.6136, 0.4031, 0.4827.

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

45.6136, 0.4031, 0.4827

Protanopia

45.3455, 0.4248, 0.4685

Deuteranopia

45.4923, 0.4514, 0.4415



Tritanopia

45.5957, 0.3214, 0.3127

Trichromacy



Original Color

45.6136, 0.4031, 0.4827

Protanomaly

45.3534, 0.4171, 0.4732

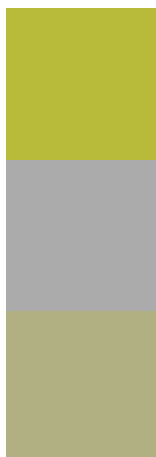
Deuteranomaly

45.0892, 0.4343, 0.4560

Tritanomaly

44.9407, 0.3575, 0.3790

Monochromacy



Original Color

45.6136, 0.4031, 0.4827

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.8925, 0.3515, 0.3931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6136, 0.4031, 0.4827 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(184, 186, 58)` looks like.

```
.text, #text, p{  
    color:rgb(184, 186, 58)  
}
```

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(184, 186, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 58) }
```

Border

The CSS property to change the border of an element to Yxy 45.6136, 0.4031, 0.4827 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(184, 186, 58) }
```

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

```
.border{ border-color:rgb(184, 186, 58) }
```

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

Here you see how a box with a 4 pixel rgb(184, 186, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 58);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6136, 0.4031, 0.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 58) }
```

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

```
.background{ background-color: rgb(184,  
186, 58) }
```

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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