

Converting Colors

$Yxy(50.1378, 0.4026, 0.4818)$

Have a look what the booklet for
Yxy(50.1378, 0.4026, 0.4818)
contains.

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Color

Yxy(50.1378, 0.4026, 0.4818)

Conversions

Conversions Part 1

Format	Color
Hex	C0C23E
RGB	192, 194, 62
RGB Percent	75%, 76%, 24%
CMY	0.2471, 0.2392, 0.7568
CMYK	0.01, 0.00, 0.68, 0.24
HSL	61°, 52%, 50%
HSV	61°, 68%, 76%
XYZ	41.8960, 50.1378, 12.0297
YIQ	178.3540, 41.1800, -41.4760

Conversions

Conversions Part 2

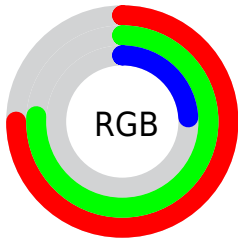
Format	Color
RYB	62, 194, 64
Decimal	12632638
CIELab	76.15, -16.69, 62.92
CIElCh	76, 65.094, 104.858
Yxy	50.1378, 0.4026, 0.4818
Android (android.graphics.Color)	4290822718 (0xFFC0C23E)
YUV	178.3540, -57.3625, 11.9675
Hunter-Lab	70.8081, -18.2985, 39.4927

Details

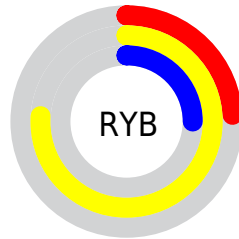
The Yxy color **50.1378, 0.4026, 0.4818** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **8.4354, 0.1836, 0.1140**, and the grayscale version is **45.0128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1648, 0.3908, 0.4565**, and **24.2006, 0.4121, 0.5110** is the 20% darker color. If you saturate the color by 10%, you get **49.9248, 0.4097, 0.4943**, and if you desaturate by 10%, it is **50.4316, 0.3931, 0.4653**.

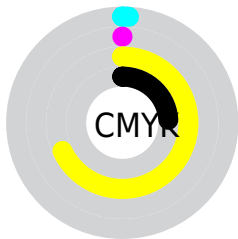
Distribution



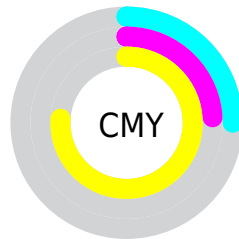
- Red (75%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (68%)
- Black (24%)





- Cyan (25%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1378, 0.4026, 0.4818 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 50.1378, 0.4026, 0.4818 by changing the saturation by 10% instead.

 50.1378, 0.4026,
0.4818

 50.1378, 0.4026,
0.4818


387.2046, 0.3640,
0.4085

 35.5229, 0.4093,
0.4977


 90.3790, 0.3906,
0.4567


 24.0660, 0.4159,
0.5163


 116.7741, 0.3855,
0.4467


 15.3826, 0.4213,
0.5376

 147.8647, 0.3809,
0.4381

 9.0883, 0.4299,
0.5701

 184.0353, 0.3768,
0.4307

 4.7988, 0.4158,
0.5842

 225.6702, 0.3731,
0.4241

 2.1297, 0.3927,
0.6073

273.1537, 0.3698,

 0.6813, 0.2606,

0.4183

0.7394

326.8704, 0.3668,
0.4131

0.0000, 0.0000,
0.0000

50.1378, 0.4026,
0.4818

50.1378, 0.4026,
0.4818

49.9248, 0.4097,
0.4943

50.4316, 0.3931,
0.4653

49.7770, 0.4141,
0.5024

50.8064, 0.3814,
0.4453

49.6838, 0.4163,
0.5067

51.2710, 0.3681,
0.4226

49.6678, 0.4166,
0.5074

51.8312, 0.3538,
0.3984

52.4923, 0.3390,
0.3734

■ 53.2592, 0.3243,
0.3485

■ 54.1365, 0.3099,
0.3243

■ 55.1285, 0.2963,
0.3014

■ 56.2393, 0.2835,
0.2800

Harmonies

Analogous

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



50.1378, 0.4649, 0.4313



50.1378, 0.4026, 0.4818



50.1378, 0.3213, 0.4886

Triad

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



50.1378, 0.4026, 0.4818



50.1378, 0.1645, 0.2508



50.1378, 0.3735, 0.2529

Complementary

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



50.1378, 0.4026, 0.4818



8.4354, 0.1836, 0.1140

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.



50.1378, 0.2832, 0.2146



50.1378, 0.4026, 0.4818



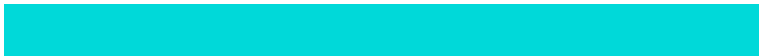
50.1378, 0.1739, 0.2087

Square

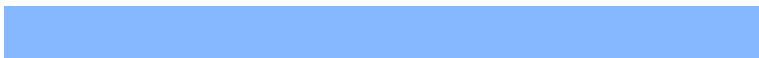
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.1378, 0.4026, 0.4818



50.1378, 0.1866, 0.3294



50.1378, 0.2135, 0.1985



50.1378, 0.4535, 0.3069

Rectangle

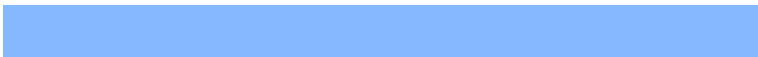
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.1378, 0.4026, 0.4818



50.1378, 0.2668, 0.4544



50.1378, 0.2135, 0.1985



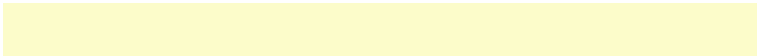
50.1378, 0.3426, 0.2380

Sweetspot

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



50.1401, 0.4026, 0.4818



94.8005, 0.3424, 0.3791



15.2668, 0.5365, 0.3297



20.6837, 0.3467, 0.3863



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.



50.1401, 0.4026, 0.4818



90.2846, 0.4123, 0.4991



43.5271, 0.3460, 0.5180



11.7502, 0.3262, 0.3518



32.6545, 0.4167, 0.5073



1.4135, 0.4173, 0.5069

Inverse Universe

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



8.4354, 0.1836, 0.1140



9.6112, 0.1617, 0.0783



11.9340, 0.2408, 0.1411



9.7552, 0.2985, 0.3052



2.5768, 0.1506, 0.0603



0.1139, 0.1527, 0.0615

Previews

White Background



This preview shows how the Yxy color 50.1378, 0.4026, 0.4818 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 50.1378, 0.4026, 0.4818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

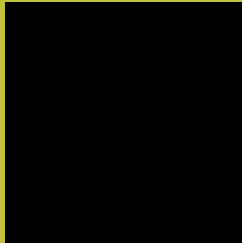
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1378, 0.4026, 0.4818

Background



This preview shows how black text looks on a background with the Yxy color 50.1378, 0.4026, 0.4818.



This preview shows how white text looks on a background with the Yxy color 50.1378, 0.4026, 0.4818.

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

50.1378, 0.4026, 0.4818

Protanopia

49.9943, 0.4245, 0.4677

Deuteranopia

49.7506, 0.4503, 0.4401



Tritanopia

49.8706, 0.3204, 0.3109

Trichromacy



Original Color

50.1378, 0.4026, 0.4818

Protanomaly

49.8603, 0.4161, 0.4727

Deuteranomaly

49.7344, 0.4330, 0.4549

Tritanomaly

49.5038, 0.3565, 0.3783

Monochromacy



Original Color

50.1378, 0.4026, 0.4818

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

46.1258, 0.3506, 0.3933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1378, 0.4026, 0.4818 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(192, 194, 62)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 62)  
}
```

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(192, 194, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 62) }
```

Border

The CSS property to change the border of an element to Yxy 50.1378, 0.4026, 0.4818 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(192, 194, 62) }
```

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

```
.border{ border-color:rgb(192, 194, 62) }
```

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

Here you see how a box with a 4 pixel rgb(192, 194, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 62);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1378, 0.4026, 0.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 62) }
```

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

```
.background{ background-color: rgb(192,  
194, 62) }
```

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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