

Converting Colors

$Yxy(39.0516, 0.4125, 0.4763)$

Have a look what the booklet for
Yxy(39.0516, 0.4125, 0.4763)
contains.

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Color

Yxy(38.9666, 0.4128, 0.4760)

Conversions

Conversions Part 1

Format	Color
Hex	B3AB35
RGB	179, 171, 53
RGB Percent	70%, 67%, 21%
CMY	0.2981, 0.3294, 0.7923
CMYK	0.00, 0.04, 0.70, 0.30
HSL	56°, 54%, 45%
HSV	56°, 70%, 70%
XYZ	33.7929, 38.9666, 9.1031
YIQ	159.9400, 42.6460, -35.0020

Conversions

Conversions Part 2

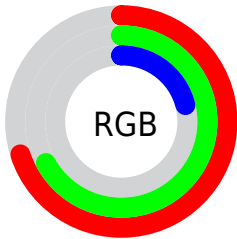
Format	Color
RYB	62, 179, 53
Decimal	11774773
CIELab	68.73, -10.99, 58.63
CIELCh	69, 59.649, 100.616
Yxy	38.9666, 0.4128, 0.4760
Android (android.graphics.Color)	4289964853 (0xFFB3AB35)
YUV	159.9400, -52.7214, 16.7156
Hunter-Lab	62.4232, -12.6095, 35.0501

Details

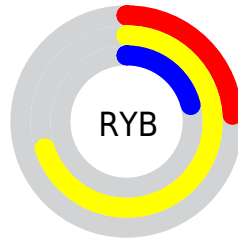
The Yxy color **38.9666, 0.4128, 0.4760** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.3406, 0.1815, 0.1183**, and the grayscale version is **35.3560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4588, 0.3976, 0.4509**, and **17.4046, 0.4249, 0.5008** is the 20% darker color. If you saturate the color by 10%, you get **38.4073, 0.4213, 0.4867**, and if you desaturate by 10%, it is **39.5947, 0.4018, 0.4612**.

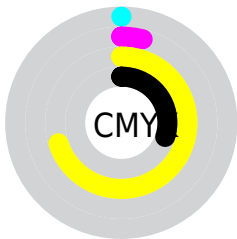
Distribution



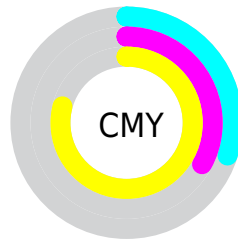
- Red (70%)
- Green (67%)
- Blue (21%)



- Red (24%)
- Yellow (70%)
- Blue (21%)



- Cyan (0%)
- Magenta (4%)
- Yellow (70%)
- Black (30%)



- Cyan (30%)
- Magenta (33%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9666, 0.4128, 0.4760 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 38.9666, 0.4128, 0.4760 by changing the saturation by 10% instead.


 38.9666, 0.4128,
0.4760


 38.9666, 0.4128,
0.4760


341.7485, 0.3670,
0.4035


 26.7337, 0.4214,
0.4920


 73.5873, 0.3980,
0.4508

 17.3734, 0.4301,
0.5105


 96.7439, 0.3918,
0.4410

 10.5010, 0.4386,
0.5325


 124.3106, 0.3863,
0.4325


 5.7324, 0.4435,
0.5565

 156.6717, 0.3815,
0.4251

 2.6831, 0.4306,
0.5694

 194.2117, 0.3772,
0.4186

 0.9686, 0.4016,
0.5984

 237.3148, 0.3734,

 0.0000, 0.0000,

0.4130

0.0000

286.3656, 0.3700,
0.4080

■ 38.9666, 0.4128,
0.4760

■ 38.9666, 0.4128,
0.4760

■ 38.4073, 0.4213,
0.4867

■ 39.5947, 0.4018,
0.4612

■ 37.9041, 0.4272,
0.4932

■ 40.2923, 0.3888,
0.4429

■ 37.4613, 0.4308,
0.4961

■ 41.0666, 0.3744,
0.4219

■ 41.9225, 0.3591,
0.3993

■ 42.8645, 0.3435,
0.3760

■ 43.8965, 0.3281,
0.3526

■ 45.0226, 0.3133,
0.3299

■ 46.2463, 0.2993,
0.3083

■ 47.5709, 0.2863,
0.2879

Harmonies

Analogous

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



38.9666, 0.4705, 0.4225



38.9666, 0.4128, 0.4760



38.9666, 0.3332, 0.4911

Triad

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



38.9666, 0.4128, 0.4760



38.9666, 0.1661, 0.2599



38.9666, 0.3603, 0.2466

Complementary

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



38.9666, 0.4128, 0.4760



7.3406, 0.1815, 0.1183

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.



38.9666, 0.2718, 0.2112



38.9666, 0.4128, 0.4760



38.9666, 0.1712, 0.2129

Square

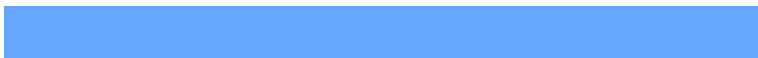
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.9666, 0.4128, 0.4760



38.9666, 0.1928, 0.3430



38.9666, 0.2063, 0.1986



38.9666, 0.4439, 0.2988

Rectangle

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



38.9666, 0.4128, 0.4760



38.9666, 0.2781, 0.4637



38.9666, 0.2063, 0.1986



38.9666, 0.3295, 0.2326

Sweetspot

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



38.9684, 0.4128, 0.4760



76.6161, 0.3450, 0.3782



12.4655, 0.5316, 0.3200



16.8699, 0.3492, 0.3846



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.9684, 0.4128, 0.4760



68.3346, 0.4246, 0.4905



36.8045, 0.3535, 0.5178



9.8127, 0.3265, 0.3501



26.5124, 0.4306, 0.4963



0.8617, 0.4272, 0.4990

Inverse Universe

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



7.3406, 0.1815, 0.1183



8.4604, 0.1612, 0.0829



8.9581, 0.2284, 0.1316



8.3136, 0.2985, 0.3070



2.5101, 0.1514, 0.0649



0.1074, 0.1569, 0.0849

Previews

White Background



This preview shows how the Yxy color 38.9666, 0.4128, 0.4760 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 38.9666, 0.4128, 0.4760 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 38.9666, 0.4128, 0.4760

Background



This preview shows how black text looks on a background with the Yxy color 38.9666, 0.4128, 0.4760.



This preview shows how white text looks on a background with the Yxy color 38.9666, 0.4128, 0.4760.

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

38.9666, 0.4128, 0.4760

Protanopia

38.9446, 0.4250, 0.4680

Deuteranopia

38.7933, 0.4525, 0.4420



Tritanopia

38.9390, 0.3298, 0.3132

Trichromacy



Original Color

38.9666, 0.4128, 0.4760

Protanomaly

38.9382, 0.4211, 0.4709

Deuteranomaly

38.6220, 0.4385, 0.4532

Tritanomaly

38.4502, 0.3654, 0.3772

Monochromacy



Original Color

38.9666, 0.4128, 0.4760

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.1469, 0.3544, 0.3922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9666, 0.4128, 0.4760 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(179, 171, 53)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 53)  
}
```

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(179, 171, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 53) }
```

Border

The CSS property to change the border of an element to Yxy 38.9666, 0.4128, 0.4760 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(179, 171, 53) }
```

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

```
.border{ border-color:rgb(179, 171, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 53);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9666, 0.4128, 0.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 53) }
```

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

```
.background{ background-color: rgb(179,  
171, 53) }
```

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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