

Converting Colors

$Yxy(38.4597, 0.4223, 0.4804)$

Have a look what the booklet for
Yxy(38.4597, 0.4223, 0.4804)
contains.

Yxy(38.4882, 0.4226, 0.4798)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4882, 0.4226, 0.4798)

Conversions

Conversions Part 1

Format	Color
Hex	B6A92A
RGB	182, 169, 42
RGB Percent	71%, 66%, 16%
CMY	0.2862, 0.3373, 0.8354
CMYK	0.00, 0.07, 0.77, 0.29
HSL	54°, 63%, 44%
HSV	54°, 77%, 71%
XYZ	33.8998, 38.4882, 7.8292
YIQ	158.4090, 48.5150, -36.7410

Conversions

Conversions Part 2

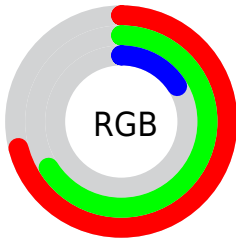
Format	Color
RYB	56, 182, 42
Decimal	11970858
CIELab	68.38, -9.12, 62.31
CIELCh	68, 62.977, 98.322
Yxy	38.4882, 0.4226, 0.4798
Android (android.graphics.Color)	4290160938 (0xFFB6A92A)
YUV	158.4090, -57.3896, 20.6893
Hunter-Lab	62.0389, -11.0306, 35.9449

Details

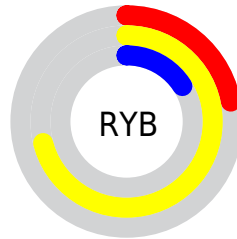
The Yxy color **38.4882, 0.4226, 0.4798** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.6005, 0.1727, 0.1059**, and the grayscale version is **34.6375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8939, 0.4065, 0.4550**, and **17.0826, 0.4306, 0.4963** is the 20% darker color. If you saturate the color by 10%, you get **37.7627, 0.4302, 0.4874**, and if you desaturate by 10%, it is **39.2847, 0.4123, 0.4679**.

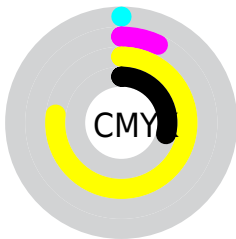
Distribution



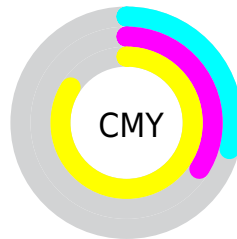
- Red (71%)
- Green (66%)
- Blue (16%)



- Red (22%)
- Yellow (71%)
- Blue (16%)



- Cyan (0%)
- Magenta (7%)
- Yellow (77%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4882, 0.4226, 0.4798 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 38.4882, 0.4226, 0.4798 by changing the saturation by 10% instead.

 38.4882, 0.4226,
0.4798


 38.4882, 0.4226,
0.4798


339.7096, 0.3727,
0.4067

 26.3618, 0.4316,
0.4951


 72.8558, 0.4067,
0.4549

 17.0945, 0.4406,
0.5124


 95.8658, 0.3999,
0.4450


 10.3019, 0.4512,
0.5348


 123.2725, 0.3940,
0.4364


 5.5996, 0.4508,
0.5492

 155.4602, 0.3887,
0.4289

 2.6032, 0.4400,
0.5600

 192.8134, 0.3840,
0.4223

 0.9283, 0.4152,
0.5848

 235.7164, 0.3798,

 0.0000, 0.0000,

0.4165

0.0000

284.5537, 0.3760,
0.4113

■ 38.4882, 0.4226,
0.4798

■ 38.4882, 0.4226,
0.4798

■ 37.7627, 0.4302,
0.4874

■ 39.2847, 0.4123,
0.4679

■ 37.0926, 0.4353,
0.4908

■ 40.1538, 0.3998,
0.4521

■ 36.8933, 0.4366,
0.4915

■ 41.1034, 0.3855,
0.4331

■ 42.1391, 0.3701,
0.4120

■ 43.2657, 0.3542,
0.3896

■ 44.4877, 0.3384,
0.3667

■ 45.8095, 0.3230,
0.3442

■ 47.2348, 0.3083,
0.3225

■ 48.7675, 0.2947,
0.3019

Harmonies

Analogous

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



38.4882, 0.4815, 0.4206



38.4882, 0.4226, 0.4798



38.4882, 0.3398, 0.5026

Triad

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



38.4882, 0.4226, 0.4798



38.4882, 0.1599, 0.2607



38.4882, 0.3552, 0.2389

Complementary

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



38.4882, 0.4226, 0.4798



6.6005, 0.1727, 0.1059

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.



38.4882, 0.2630, 0.2037



38.4882, 0.4226, 0.4798



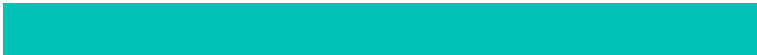
38.4882, 0.1630, 0.2091

Square

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



38.4882, 0.4226, 0.4798



38.4882, 0.1899, 0.3512



38.4882, 0.1970, 0.1924



38.4882, 0.4461, 0.2920

Rectangle

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



38.4882, 0.4226, 0.4798



38.4882, 0.2817, 0.4781



38.4882, 0.1970, 0.1924



38.4882, 0.3227, 0.2248

Sweetspot

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



38.4900, 0.4226, 0.4798



79.1914, 0.3485, 0.3814



11.8860, 0.5533, 0.3157



17.3189, 0.3543, 0.3897



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.



38.4900, 0.4226, 0.4798



67.6370, 0.4338, 0.4900



38.0650, 0.3577, 0.5287



10.3568, 0.3266, 0.3495



26.1002, 0.4364, 0.4917



0.9619, 0.4315, 0.4956

Inverse Universe

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



6.6005, 0.1727, 0.1059



7.7289, 0.1555, 0.0737



7.6276, 0.2138, 0.1140



8.8502, 0.2984, 0.3076



2.7116, 0.1520, 0.0673



0.1407, 0.1595, 0.0941

Previews

White Background



This preview shows how the Yxy color 38.4882, 0.4226, 0.4798 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 38.4882, 0.4226, 0.4798 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 38.4882, 0.4226, 0.4798

Background



This preview shows how black text looks on a background with the Yxy color 38.4882, 0.4226, 0.4798.



This preview shows how white text looks on a background with the Yxy color 38.4882, 0.4226, 0.4798.

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

38.4882, 0.4226, 0.4798

Protanopia

38.3623, 0.4299, 0.4751

Deuteranopia

38.2143, 0.4578, 0.4482



Tritanopia

38.5625, 0.3349, 0.3133

Trichromacy



Original Color

38.4882, 0.4226, 0.4798

Protanomaly

38.4796, 0.4269, 0.4774

Deuteranomaly

38.1722, 0.4450, 0.4598

Tritanomaly

37.9621, 0.3750, 0.3823

Monochromacy



Original Color

38.4882, 0.4226, 0.4798

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.3171, 0.3597, 0.3969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4882, 0.4226, 0.4798 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(182, 169, 42)` looks like.

```
.text, #text, p{  
    color:rgb(182, 169, 42)  
}
```

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(182, 169, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 169, 42) }
```

Border

The CSS property to change the border of an element to Yxy 38.4882, 0.4226, 0.4798 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(182, 169, 42) }
```

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

```
.border{ border-color:rgb(182, 169, 42) }
```

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

Here you see how a box with a 4 pixel rgb(182, 169, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 169, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 169, 42);  
box-shadow:4px 4px 4px 4px rgb(182, 169,  
42) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4882, 0.4226, 0.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 169, 42) }
```

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

```
.background{ background-color: rgb(182,  
169, 42) }
```

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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