

Converting Colors

$Yxy(36.5373, 0.4348, 0.4488)$

Have a look what the booklet for
Yxy(36.5373, 0.4348, 0.4488)
contains.

Yxy(36.5919, 0.4350, 0.4489)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.5919, 0.4350, 0.4489)

Conversions

Conversions Part 1

Format	Color
Hex	C29F3C
RGB	194, 159, 60
RGB Percent	76%, 62%, 24%
CMY	0.2393, 0.3764, 0.7648
CMYK	0.00, 0.18, 0.69, 0.24
HSL	44°, 53%, 50%
HSV	44°, 69%, 76%
XYZ	35.4588, 36.5919, 9.4638
YIQ	158.1790, 52.6390, -23.3690

Conversions

Conversions Part 2

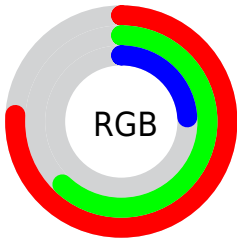
Format	Color
RYB	107, 194, 60
Decimal	12754748
CIELab	66.97, 2.31, 54.46
CIELCh	67, 54.507, 87.567
Yxy	36.5919, 0.4350, 0.4489
Android (android.graphics.Color)	4290944828 (0xFFC29F3C)
YUV	158.1790, -48.4022, 31.4150
Hunter-Lab	60.4912, -1.2263, 33.0680

Details

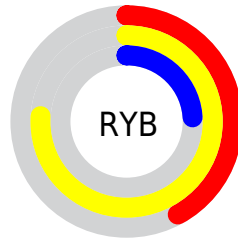
The Yxy color **36.5919, 0.4350, 0.4489** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **13.0281, 0.1926, 0.1600**, and the grayscale version is **34.4827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6410, 0.4147, 0.4296**, and **16.0435, 0.4612, 0.4720** is the 20% darker color. If you saturate the color by 10%, you get **34.7190, 0.4506, 0.4577**, and if you desaturate by 10%, it is **38.6148, 0.4174, 0.4361**.

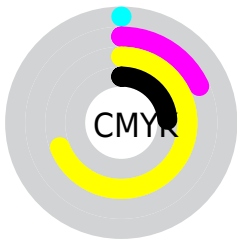
Distribution



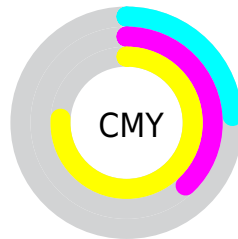
- Red (76%)
- Green (62%)
- Blue (24%)



- Red (42%)
- Yellow (76%)
- Blue (24%)



- Cyan (0%)
- Magenta (18%)
- Yellow (69%)
- Black (24%)





- Cyan (24%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5919, 0.4350, 0.4489 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 36.5919, 0.4350, 0.4489 by changing the saturation by 10% instead.


 36.5919, 0.4350,
0.4489


 36.5919, 0.4350,
0.4489


331.5403, 0.3756,
0.3915


 24.8917, 0.4477,
0.4608


 69.9447, 0.4147,
0.4295


 15.9964, 0.4621,
0.4740


 92.3660, 0.4066,
0.4217

 9.5216, 0.4784,
0.4883


 119.1299, 0.3996,
0.4150

 5.0829, 0.4966,
0.5034

 150.6206, 0.3935,
0.4091

 2.2960, 0.4994,
0.5006

 187.2226, 0.3882,
0.4039

 0.7716, 0.5058,
0.4942

229.3203, 0.3835,

 0.0000, 0.0000,

0.3993

0.0000

277.2981, 0.3793,
0.3952

■ 36.5919, 0.4350,
0.4489

■ 36.5919, 0.4350,
0.4489

■ 34.7190, 0.4506,
0.4577

■ 38.6148, 0.4174,
0.4361

■ 32.9813, 0.4635,
0.4617

■ 40.7907, 0.3987,
0.4202

■ 31.3646, 0.4737,
0.4614

■ 43.1286, 0.3797,
0.4023

■ 31.2213, 0.4746,
0.4613

■ 45.6351, 0.3610,
0.3834

■ 48.3164, 0.3433,
0.3642

■ 51.1783, 0.3267,
0.3454

■ 54.2260, 0.3114,
0.3274

■ 57.4648, 0.2975,
0.3104

■ 60.8995, 0.2850,
0.2946

Harmonies

Analogous

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



36.5919, 0.4731, 0.3932



36.5919, 0.4350, 0.4489



36.5919, 0.3670, 0.4809

Triad

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



36.5919, 0.4350, 0.4489



36.5919, 0.1815, 0.2952



36.5919, 0.3201, 0.2343

Complementary

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



36.5919, 0.4350, 0.4489



13.0281, 0.1926, 0.1600

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.



36.5919, 0.2443, 0.2095



36.5919, 0.4350, 0.4489



36.5919, 0.1732, 0.2353

Square

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



36.5919, 0.4350, 0.4489



36.5919, 0.2214, 0.3823



36.5919, 0.1943, 0.2084



36.5919, 0.4043, 0.2780

Rectangle

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



36.5919, 0.4350, 0.4489



36.5919, 0.3148, 0.4737



36.5919, 0.1943, 0.2084



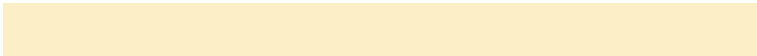
36.5919, 0.2927, 0.2236

Sweetspot

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



36.5937, 0.4350, 0.4489



86.4309, 0.3472, 0.3685



15.5349, 0.4796, 0.2871



18.6250, 0.3521, 0.3739



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.



36.5937, 0.4350, 0.4489



61.2351, 0.4577, 0.4604



46.6605, 0.3770, 0.5005



11.2990, 0.3271, 0.3459



20.6689, 0.4737, 0.4620



0.9998, 0.4591, 0.4737

Inverse Universe

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



13.0281, 0.1926, 0.1600



16.2292, 0.1719, 0.1215



9.3588, 0.2036, 0.1215



10.1659, 0.2984, 0.3115



4.2115, 0.1591, 0.0927



0.2985, 0.1718, 0.1384

Previews

White Background



This preview shows how the Yxy color 36.5919, 0.4350, 0.4489 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 36.5919, 0.4350, 0.4489 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 36.5919, 0.4350, 0.4489

Background



This preview shows how black text looks on a background with the Yxy color 36.5919, 0.4350, 0.4489.



This preview shows how white text looks on a background with the Yxy color 36.5919, 0.4350, 0.4489.

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

36.5919, 0.4350, 0.4489

Protanopia

36.4764, 0.4185, 0.4593

Deuteranopia

36.4761, 0.4472, 0.4386



Tritanopia

36.5895, 0.3568, 0.3150

Trichromacy



Original Color

36.5919, 0.4350, 0.4489

Protanomaly

36.6167, 0.4235, 0.4559

Deuteranomaly

36.3932, 0.4433, 0.4414

Tritanomaly

36.3798, 0.3896, 0.3674

Monochromacy



Original Color

36.5919, 0.4350, 0.4489

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.5168, 0.3598, 0.3818

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5919, 0.4350, 0.4489 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(194, 159, 60)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 60)  
}
```

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(194, 159, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 60) }
```

Border

The CSS property to change the border of an element to Yxy 36.5919, 0.4350, 0.4489 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(194, 159, 60) }
```

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

```
.border{ border-color:rgb(194, 159, 60) }
```

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

Here you see how a box with a 4 pixel rgb(194, 159, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 60);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5919, 0.4350, 0.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 60) }
```

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

```
.background{ background-color: rgb(194,  
159, 60) }
```

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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