

Converting Colors

Yxy(36.6148, 0.4683, 0.4536)

Have a look what the booklet for
Yxy(36.6148, 0.4683, 0.4536)
contains.

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Color

Yxy(36.6148, 0.4683, 0.4536)

Conversions

Conversions Part 1

Format	Color
Hex	D09A1E
RGB	208, 154, 30
RGB Percent	82%, 60%, 12%
CMY	0.1843, 0.3960, 0.8823
CMYK	0.00, 0.26, 0.86, 0.18
HSL	42°, 75%, 47%
HSV	42°, 86%, 82%
XYZ	37.8014, 36.6148, 6.3043
YIQ	156.0100, 71.9880, -27.1160

Conversions

Conversions Part 2

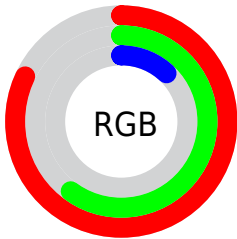
Format	Color
RYB	108, 208, 30
Decimal	13670942
CIELab	66.99, 10.00, 65.71
CIELCh	67, 66.464, 81.349
Yxy	36.6148, 0.4683, 0.4536
Android (android.graphics.Color)	4291861022 (0xFFD09A1E)
YUV	156.0100, -62.1229, 45.5952
Hunter-Lab	60.5102, 5.6182, 36.1800

Details

The Yxy color **36.6148, 0.4683, 0.4536** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **11.1717, 0.1729, 0.1280**, and the grayscale version is **33.5109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0763, 0.4331, 0.4432**, and **15.9964, 0.4841, 0.4538** is the 20% darker color. If you saturate the color by 10%, you get **34.5146, 0.4809, 0.4534**, and if you desaturate by 10%, it is **38.8981, 0.4526, 0.4488**.

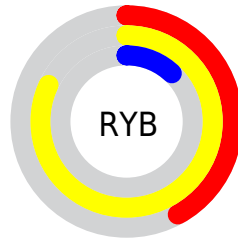
Distribution



Red (82%)

Green (60%)

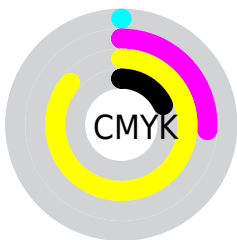
Blue (12%)



Red (42%)

Yellow (82%)

Blue (12%)

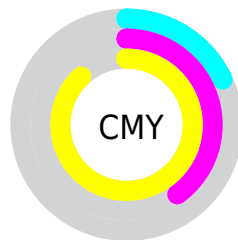


Cyan (0%)

Magenta (26%)

Yellow (86%)

Black (18%)



Cyan (18%)


Magenta (40%)

Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6148, 0.4683, 0.4536 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 36.6148, 0.4683, 0.4536 by changing the saturation by 10% instead.

 36.6148, 0.4683,
0.4536


 36.6148, 0.4683,
0.4536


 331.6398, 0.3948,
0.3992


 24.9094, 0.4827,
0.4624


 69.9799, 0.4441,
0.4370

 16.0096, 0.4982,
0.4703

 92.4085, 0.4341,
0.4297


 9.5309, 0.5194,
0.4806

 119.1802, 0.4254,
0.4232

 5.0891, 0.5267,
0.4733

 150.6794, 0.4177,
0.4173

 2.2996, 0.5382,
0.4618

 187.2906, 0.4110,
0.4120

 0.7735, 0.5606,
0.4394

 229.3981, 0.4050,

 0.0000, 0.0000,

0.4073

0.0000

277.3864, 0.3996,
0.4030

■ 36.6148, 0.4683,
0.4536

■ 36.6148, 0.4683,
0.4536

■ 34.5146, 0.4809,
0.4534

■ 38.8981, 0.4526,
0.4488

■ 33.6297, 0.4859,
0.4524

■ 41.3726, 0.4344,
0.4393

■ 44.0515, 0.4148,
0.4260

■ 46.9446, 0.3946,
0.4101

■ 50.0609, 0.3746,
0.3925

■ 53.4087, 0.3555,
0.3743

■ 56.9955, 0.3376,
0.3561

■ 60.8286, 0.3212,
0.3384

■ 64.9147, 0.3063,
0.3217

Harmonies

Analogous

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



36.6148, 0.5076, 0.3842



36.6148, 0.4683, 0.4536



36.6148, 0.3912, 0.5078

Triad

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



36.6148, 0.4683, 0.4536



36.6148, 0.1640, 0.3051



36.6148, 0.2995, 0.2099

Complementary

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



36.6148, 0.4683, 0.4536



11.1717, 0.1729, 0.1280

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.



36.6148, 0.2159, 0.1866



36.6148, 0.4683, 0.4536



36.6148, 0.1488, 0.2266

Square

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



36.6148, 0.4683, 0.4536



36.6148, 0.2160, 0.4179



36.6148, 0.1661, 0.1902



36.6148, 0.4032, 0.2558

Rectangle

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



36.6148, 0.4683, 0.4536



36.6148, 0.3303, 0.5148



36.6148, 0.1661, 0.1902



36.6148, 0.2682, 0.1993

Sweetspot

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



36.6166, 0.4683, 0.4536



84.2741, 0.3569, 0.3756



15.0166, 0.5267, 0.2808



17.6329, 0.3635, 0.3820



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.



36.6166, 0.4683, 0.4536



52.9612, 0.4868, 0.4516



54.3590, 0.3881, 0.5202



13.1670, 0.3273, 0.3451



21.1383, 0.4847, 0.4533



1.3181, 0.4699, 0.4651

Inverse Universe

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



11.1717, 0.1729, 0.1280



12.5770, 0.1604, 0.0973



6.5286, 0.1722, 0.0810



11.9941, 0.2982, 0.3123



5.2105, 0.1616, 0.1017



0.4309, 0.1720, 0.1391

Previews

White Background



This preview shows how the Yxy color 36.6148, 0.4683, 0.4536 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 36.6148, 0.4683, 0.4536 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 36.6148, 0.4683, 0.4536

Background



This preview shows how black text looks on a background with the Yxy color 36.6148, 0.4683, 0.4536.



This preview shows how white text looks on a background with the Yxy color 36.6148, 0.4683, 0.4536.

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

36.6148, 0.4683, 0.4536

Protanopia

36.8511, 0.4329, 0.4788

Deuteranopia

36.6532, 0.4656, 0.4564



Tritanopia

36.4251, 0.3785, 0.3156

Trichromacy



Original Color

36.6148, 0.4683, 0.4536

Protanomaly

36.5834, 0.4465, 0.4690

Deuteranomaly

36.7968, 0.4666, 0.4557

Tritanomaly

35.9686, 0.4220, 0.3762

Monochromacy



Original Color

36.6148, 0.4683, 0.4536

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.6824, 0.3770, 0.3942

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6148, 0.4683, 0.4536 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(208, 154, 30)` looks like.

```
.text, #text, p{  
    color:rgb(208, 154, 30)  
}
```

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(208, 154, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 154, 30) }
```

Border

The CSS property to change the border of an element to Yxy 36.6148, 0.4683, 0.4536 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(208, 154, 30) }
```

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

```
.border{ border-color:rgb(208, 154, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 154, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 154, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 154, 30);  
box-shadow:4px 4px 4px 4px rgb(208, 154,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6148, 0.4683, 0.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 154, 30) }
```

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

```
.background{ background-color: rgb(208,  
154, 30) }
```

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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