

Converting Colors

$Yxy(36.4468, 0.4709, 0.4296)$

Have a look what the booklet for
Yxy(36.4468, 0.4709, 0.4296)
contains.

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Color

Yxy(36.5129, 0.4711, 0.4297)

Conversions

Conversions Part 1

Format	Color
Hex	D99536
RGB	217, 149, 54
RGB Percent	85%, 58%, 21%
CMY	0.1490, 0.4157, 0.7882
CMYK	0.00, 0.31, 0.75, 0.15
HSL	35°, 68%, 53%
HSV	35°, 75%, 85%
XYZ	40.0308, 36.5129, 8.4293
YIQ	158.5020, 71.0230, -15.1290

Conversions

Conversions Part 2

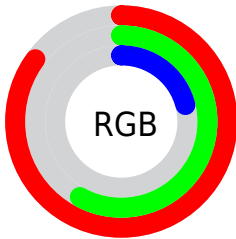
Format	Color
RYB	171, 217, 54
Decimal	14259510
CIELab	66.91, 17.42, 57.71
CIElCh	67, 60.281, 73.203
Yxy	36.5129, 0.4711, 0.4297
Android (android.graphics.Color)	4292449590 (0xFFD99536)
YUV	158.5020, -51.5195, 51.3027
Hunter-Lab	60.4259, 12.5068, 34.0273

Details

The Yxy color **36.5129, 0.4711, 0.4297** 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 **19.7194, 0.1926, 0.1808**, and the grayscale version is **34.6487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0334, 0.4256, 0.4242**, and **15.9035, 0.5036, 0.4383** is the 20% darker color. If you saturate the color by 10%, you get **33.5996, 0.4922, 0.4324**, and if you desaturate by 10%, it is **39.7436, 0.4478, 0.4222**.

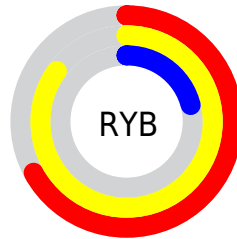
Distribution



Red (85%)

Green (58%)

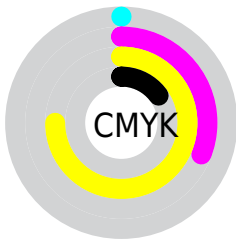
Blue (21%)



Red (67%)

Yellow (85%)

Blue (21%)

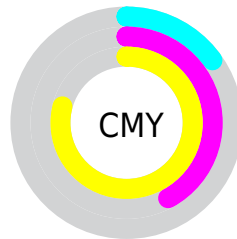


Cyan (0%)

Magenta (31%)

Yellow (75%)

Black (15%)



Cyan (15%)


Magenta (42%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5129, 0.4711, 0.4297 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 36.5129, 0.4711, 0.4297 by changing the saturation by 10% instead.


 36.5129, 0.4711,
0.4297


 36.5129, 0.4711,
0.4297


331.1968, 0.3934,
0.3861


 24.8306, 0.4880,
0.4367


 69.8230, 0.4443,
0.4164


 15.9509, 0.5076,
0.4430


 92.2195, 0.4337,
0.4106


 9.4894, 0.5318,
0.4486


 118.9563, 0.4246,
0.4054


 5.0618, 0.5546,
0.4454

 150.4176, 0.4166,
0.4007

 2.2835, 0.5736,
0.4264

 186.9880, 0.4097,
0.3965

 0.7650, 0.6091,
0.3909

 229.0517, 0.4036,

 0.0000, 1.0000,

0.3927

0.0000

276.9932, 0.3982,
0.3892

■ 0.0000, 0.0000,
0.0000

■ 36.5129, 0.4711,
0.4297

■ 36.5129, 0.4711,
0.4297

■ 33.5996, 0.4922,
0.4324

■ 39.7436, 0.4478,
0.4222

■ 30.9800, 0.5101,
0.4297

■ 43.3016, 0.4237,
0.4110

■ 29.7937, 0.5179,
0.4270

■ 47.2029, 0.3999,
0.3973

■ 51.4603, 0.3773,
0.3822

■ 56.0855, 0.3565,
0.3666

■ 61.0898, 0.3375,
0.3511

■ 66.4837, 0.3206,
0.3363

■ 72.2772, 0.3056,
0.3223

■ 78.4801, 0.2924,
0.3092

Harmonies

Analogous

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



36.5129, 0.4916, 0.3653



36.5129, 0.4711, 0.4297



36.5129, 0.4085, 0.4836

Triad

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



36.5129, 0.4711, 0.4297



36.5129, 0.1856, 0.3345



36.5129, 0.2776, 0.2104

Complementary

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



36.5129, 0.4711, 0.4297



19.7194, 0.1926, 0.1808

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.



36.5129, 0.2079, 0.1953



36.5129, 0.4711, 0.4297



36.5129, 0.1615, 0.2518

Square

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



36.5129, 0.4711, 0.4297



36.5129, 0.2439, 0.4352



36.5129, 0.1694, 0.2071



36.5129, 0.3699, 0.2483

Rectangle

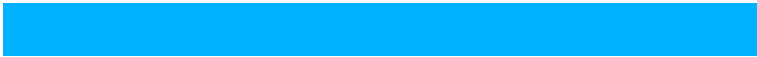
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.5129, 0.4711, 0.4297



36.5129, 0.3543, 0.4986



36.5129, 0.1694, 0.2071



36.5129, 0.2511, 0.2026

Sweetspot

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



36.5147, 0.4711, 0.4297



82.1500, 0.3527, 0.3636



18.8643, 0.4565, 0.2562



17.0419, 0.3600, 0.3693



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.



36.5147, 0.4711, 0.4297



46.2125, 0.5029, 0.4315



63.0387, 0.4014, 0.4964



14.3059, 0.3277, 0.3426



18.2471, 0.5161, 0.4284



1.3509, 0.4961, 0.4443

Inverse Universe

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



19.7194, 0.1926, 0.1808



21.1702, 0.1761, 0.1472



8.7697, 0.1755, 0.0961



13.5054, 0.2982, 0.3150



7.7127, 0.1701, 0.1322



0.6674, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 36.5129, 0.4711, 0.4297 looks on a white background.

Color Contrast Check

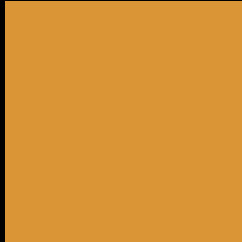
Large Text (above 18pt) WCAG AA × Fail

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 36.5129, 0.4711, 0.4297 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 36.5129, 0.4711, 0.4297

Background



This preview shows how black text looks on a background with the Yxy color 36.5129, 0.4711, 0.4297.



This preview shows how white text looks on a background with the Yxy color 36.5129, 0.4711, 0.4297.

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

36.5129, 0.4711, 0.4297

Protanopia

36.4450, 0.4202, 0.4620

Deuteranopia

36.5280, 0.4536, 0.4449



Tritanopia

36.3552, 0.3927, 0.3161

Trichromacy



Original Color

36.5129, 0.4711, 0.4297

Protanomaly

36.3512, 0.4388, 0.4497

Deuteranomaly

36.5948, 0.4599, 0.4391

Tritanomaly

36.2549, 0.4275, 0.3627

Monochromacy



Original Color

36.5129, 0.4711, 0.4297

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5265, 0.3716, 0.3774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5129, 0.4711, 0.4297 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(217, 149, 54)` looks like.

```
.text, #text, p{  
    color:rgb(217, 149, 54)  
}
```

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(217, 149, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 149, 54) }
```

Border

The CSS property to change the border of an element to Yxy 36.5129, 0.4711, 0.4297 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(217, 149, 54) }
```

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

```
.border{ border-color:rgb(217, 149, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 149, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 149, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 149, 54);  
box-shadow:4px 4px 4px 4px rgb(217, 149,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5129, 0.4711, 0.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 149, 54) }
```

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

```
.background{ background-color: rgb(217,  
149, 54) }
```

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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