

Converting Colors

$Yxy(35.9546, 0.4579, 0.4623)$

Have a look what the booklet for
Yxy(35.9546, 0.4579, 0.4623)
contains.

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Color

Yxy(36.0078, 0.4578, 0.4622)

Conversions

Conversions Part 1

Format	Color
Hex	C79C1D
RGB	199, 156, 29
RGB Percent	78%, 61%, 11%
CMY	0.2196, 0.3882, 0.8863
CMYK	0.00, 0.22, 0.85, 0.22
HSL	45°, 75%, 45%
HSV	45°, 85%, 78%
XYZ	35.6650, 36.0078, 6.2324
YIQ	154.3790, 66.3950, -30.3810

Conversions

Conversions Part 2

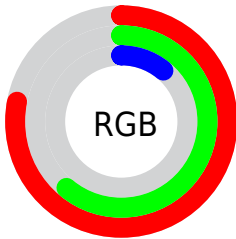
Format	Color
RYB	87, 199, 29
Decimal	13081629
CIELab	66.53, 4.92, 65.21
CIElCh	67, 65.394, 85.683
Yxy	36.0078, 0.4578, 0.4622
Android (android.graphics.Color)	4291271709 (0xFFC79C1D)
YUV	154.3790, -61.8118, 39.1326
Hunter-Lab	60.0065, 1.0806, 35.8465

Details

The Yxy color **36.0078, 0.4578, 0.4622** 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 **9.0204, 0.1700, 0.1168**, and the grayscale version is **32.7469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0578, 0.4317, 0.4448**, and **15.6786, 0.4703, 0.4648** is the 20% darker color. If you saturate the color by 10%, you get **34.2861, 0.4684, 0.4633**, and if you desaturate by 10%, it is **37.8665, 0.4442, 0.4563**.

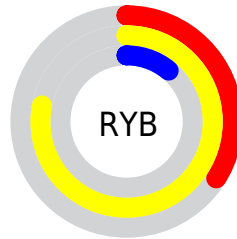
Distribution



Red (78%)

Green (61%)

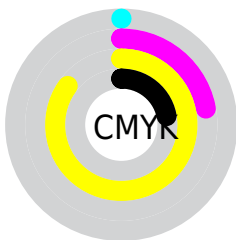
Blue (11%)



Red (34%)

Yellow (78%)

Blue (11%)

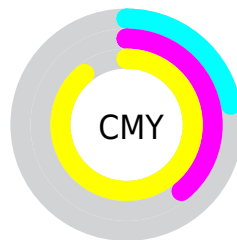


Cyan (0%)

Magenta (22%)

Yellow (85%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0078, 0.4578, 0.4622 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 36.0078, 0.4578, 0.4622 by changing the saturation by 10% instead.


 36.0078, 0.4578,
0.4622


 36.0078, 0.4578,
0.4622


328.9946, 0.3897,
0.4020

 24.4402, 0.4709,
0.4727


 69.0441, 0.4355,
0.4432


 15.6605, 0.4846,
0.4829


 91.2816, 0.4263,
0.4351


 9.2842, 0.5034,
0.4966


 117.8446, 0.4182,
0.4279

 4.9270, 0.5072,
0.4928

 149.1173, 0.4110,
0.4215

 2.2045, 0.5132,
0.4868

 185.4843, 0.4047,
0.4158

 0.7225, 0.5276,
0.4724

 227.3300, 0.3992,

 0.0000, 0.0000,

0.4107

0.0000

275.0386, 0.3942,
0.4061

■ 36.0078, 0.4578,
0.4622

■ 36.0078, 0.4578,
0.4622

■ 34.2861, 0.4684,
0.4633

■ 37.8665, 0.4442,
0.4563

■ 33.5327, 0.4727,
0.4628

■ 39.8684, 0.4280,
0.4459

■ 42.0248, 0.4102,
0.4317

■ 44.3438, 0.3915,
0.4148

■ 46.8330, 0.3726,
0.3962

■ 49.4992, 0.3544,
0.3769

■ 52.3485, 0.3370,
0.3576

■ 55.3870, 0.3209,
0.3388

■ 58.6201, 0.3061,
0.3210

Harmonies

Analogous

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



36.0078, 0.5035, 0.3941



36.0078, 0.4578, 0.4622



36.0078, 0.3781, 0.5103

Triad

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



36.0078, 0.4578, 0.4622



36.0078, 0.1610, 0.2916



36.0078, 0.3140, 0.2162

Complementary

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



36.0078, 0.4578, 0.4622



9.0204, 0.1700, 0.1168

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.



36.0078, 0.2267, 0.1895



36.0078, 0.4578, 0.4622



36.0078, 0.1507, 0.2201

Square

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



36.0078, 0.4578, 0.4622



36.0078, 0.2073, 0.4004



36.0078, 0.1724, 0.1891



36.0078, 0.4166, 0.2645

Rectangle

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



36.0078, 0.4578, 0.4622



36.0078, 0.3171, 0.5093



36.0078, 0.1724, 0.1891



36.0078, 0.2817, 0.2046

Sweetspot

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



36.0096, 0.4578, 0.4622



86.2035, 0.3561, 0.3788



13.5208, 0.5419, 0.2903



18.0945, 0.3624, 0.3856



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.



36.0096, 0.4578, 0.4622



58.3018, 0.4737, 0.4621



48.3447, 0.3805, 0.5255



11.9451, 0.3271, 0.3462



21.7063, 0.4718, 0.4636



1.1385, 0.4586, 0.4740

Inverse Universe

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



9.0204, 0.1700, 0.1168



10.9440, 0.1574, 0.0865



6.2557, 0.1781, 0.0846



10.7163, 0.2983, 0.3112



4.2570, 0.1586, 0.0908



0.3216, 0.1703, 0.1329

Previews

White Background



This preview shows how the Yxy color 36.0078, 0.4578, 0.4622 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 36.0078, 0.4578, 0.4622 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 36.0078, 0.4578, 0.4622

Background



This preview shows how black text looks on a background with the Yxy color 36.0078, 0.4578, 0.4622.



This preview shows how white text looks on a background with the Yxy color 36.0078, 0.4578, 0.4622.

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

36.0078, 0.4578, 0.4622

Protanopia

35.8847, 0.4336, 0.4794

Deuteranopia

36.0475, 0.4642, 0.4559



Tritanopia

35.9165, 0.3673, 0.3152

Trichromacy



Original Color

36.0078, 0.4578, 0.4622

Protanomaly

35.9267, 0.4422, 0.4736

Deuteranomaly

36.0930, 0.4615, 0.4587

Tritanomaly

35.4581, 0.4114, 0.3793

Monochromacy



Original Color

36.0078, 0.4578, 0.4622

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.0929, 0.3725, 0.3969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0078, 0.4578, 0.4622 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(199, 156, 29)` looks like.

```
.text, #text, p{  
    color:rgb(199, 156, 29)  
}
```

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(199, 156, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 156, 29) }
```

Border

The CSS property to change the border of an element to Yxy 36.0078, 0.4578, 0.4622 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(199, 156, 29) }
```

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

```
.border{ border-color:rgb(199, 156, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 156, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 156, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 156, 29);  
box-shadow:4px 4px 4px 4px rgb(199, 156,  
29) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 36.0078, 0.4578, 0.4622$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 156, 29) }
```

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

```
.background{ background-color: rgb(199,  
156, 29) }
```

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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