

Converting Colors

$Yxy(36.2837, 0.4211, 0.4310)$

Have a look what the booklet for
Yxy(36.2837, 0.4211, 0.4310)
contains.

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Color

Yxy(36.2247, 0.4205, 0.4306)

Conversions

Conversions Part 1

Format	Color
Hex	C09E4F
RGB	192, 158, 79
RGB Percent	75%, 62%, 31%
CMY	0.2471, 0.3804, 0.6902
CMYK	0.00, 0.18, 0.59, 0.25
HSL	42°, 47%, 53%
HSV	42°, 59%, 75%
XYZ	35.3750, 36.2247, 12.5264
YIQ	159.1600, 45.6230, -17.3610

Conversions

Conversions Part 2

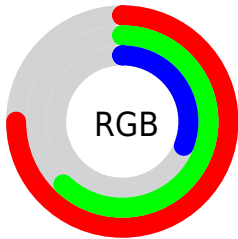
Format	Color
RYB	128, 192, 79
Decimal	12623439
CIELab	66.69, 3.23, 45.30
CIELCh	67, 45.415, 85.922
Yxy	36.2247, 0.4205, 0.4306
Android (android.graphics.Color)	4290813519 (0xFFC09E4F)
YUV	159.1600, -39.5189, 28.8007
Hunter-Lab	60.1870, -0.4134, 29.7912

Details

The Yxy color **36.2247, 0.4205, 0.4306** 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 **17.2770, 0.2115, 0.1960**, and the grayscale version is **34.9178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2079, 0.4021, 0.4132**, and **15.8383, 0.4484, 0.4543** is the 20% darker color. If you saturate the color by 10%, you get **34.0618, 0.4396, 0.4428**, and if you desaturate by 10%, it is **38.5644, 0.4005, 0.4154**.

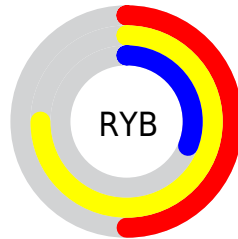
Distribution



Red (75%)

Green (62%)

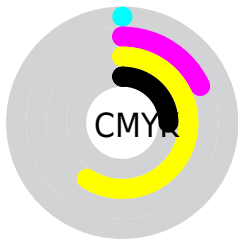
Blue (31%)



Red (50%)

Yellow (75%)

Blue (31%)

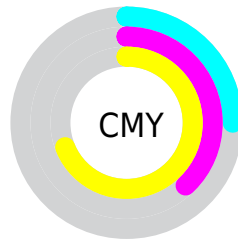


Cyan (0%)

Magenta (18%)

Yellow (59%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.2247, 0.4205, 0.4306 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 36.2247, 0.4205, 0.4306 by changing the saturation by 10% instead.


 36.2247, 0.4205,
0.4306

 36.2247, 0.4205,
0.4306


329.9416, 0.3666,
0.3807

 24.6078, 0.4330,
0.4418


 69.3787, 0.4014,
0.4132


 15.7851, 0.4480,
0.4549


 91.6847, 0.3940,
0.4064


 9.3722, 0.4658,
0.4697


 118.3224, 0.3878,
0.4006

 4.9847, 0.4978,
0.4971

 149.6763, 0.3823,
0.3955

 2.2383, 0.5043,
0.4957

 186.1307, 0.3776,
0.3911

 0.7408, 0.5138,
0.4862

228.0702, 0.3735,

 0.0000, 0.0000,

0.3872

0.0000

275.8790, 0.3698,
0.3838

■ 36.2247, 0.4205,
0.4306

■ 36.2247, 0.4205,
0.4306

■ 34.0618, 0.4396,
0.4428

■ 38.5644, 0.4005,
0.4154

■ 32.0621, 0.4569,
0.4511

■ 41.0832, 0.3806,
0.3982

■ 30.2175, 0.4716,
0.4545

■ 43.7898, 0.3613,
0.3802

■ 28.5126, 0.4835,
0.4535

■ 46.6905, 0.3431,
0.3619

■ 28.3226, 0.4848,
0.4533

■ 49.7914, 0.3263,
0.3441

■ 53.0981, 0.3110,
0.3271

■ 56.6159, 0.2972,
0.3111

■ 60.3500, 0.2848,
0.2962

■ 64.3053, 0.2737,
0.2824

Harmonies

Analogous

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



36.2247, 0.4490, 0.3841



36.2247, 0.4205, 0.4306



36.2247, 0.3645, 0.4554

Triad

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



36.2247, 0.4205, 0.4306



36.2247, 0.2018, 0.3058



36.2247, 0.3158, 0.2459

Complementary

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



36.2247, 0.4205, 0.4306



17.2770, 0.2115, 0.1960

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.



36.2247, 0.2521, 0.2254



36.2247, 0.4205, 0.4306



36.2247, 0.1922, 0.2526

Square

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



36.2247, 0.4205, 0.4306



36.2247, 0.2387, 0.3775



36.2247, 0.2094, 0.2264



36.2247, 0.3860, 0.2837

Rectangle

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



36.2247, 0.4205, 0.4306



36.2247, 0.3201, 0.4492



36.2247, 0.2094, 0.2264



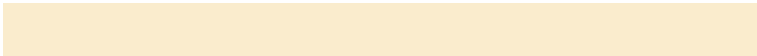
36.2247, 0.2928, 0.2369

Sweetspot

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



36.2264, 0.4205, 0.4306



84.9135, 0.3422, 0.3609



18.0318, 0.4327, 0.2825



17.8764, 0.3473, 0.3663



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.2264, 0.4205, 0.4306



60.4997, 0.4456, 0.4460



46.9492, 0.3765, 0.4763



11.2303, 0.3272, 0.3450



19.2017, 0.4838, 0.4541



0.9457, 0.4662, 0.4680

Inverse Universe

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



17.2770, 0.2115, 0.1960



23.1724, 0.1903, 0.1610



12.0925, 0.2167, 0.1495



10.2309, 0.2984, 0.3124



4.7012, 0.1616, 0.1017



0.3271, 0.1746, 0.1484

Previews

White Background



This preview shows how the Yxy color 36.2247, 0.4205, 0.4306 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 36.2247, 0.4205, 0.4306 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 36.2247, 0.4205, 0.4306

Background



This preview shows how black text looks on a background with the Yxy color 36.2247, 0.4205, 0.4306.



This preview shows how white text looks on a background with the Yxy color 36.2247, 0.4205, 0.4306.

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

36.2247, 0.4205, 0.4306

Protanopia

36.4769, 0.4034, 0.4410

Deuteranopia

36.3012, 0.4304, 0.4224



Tritanopia

36.1751, 0.3537, 0.3148

Trichromacy



Original Color

36.2247, 0.4205, 0.4306

Protanomaly

36.2593, 0.4091, 0.4368

Deuteranomaly

36.2264, 0.4265, 0.4249

Tritanomaly

35.8309, 0.3798, 0.3572

Monochromacy



Original Color

36.2247, 0.4205, 0.4306

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0659, 0.3518, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2247, 0.4205, 0.4306 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(192, 158, 79)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 79)  
}
```

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(192, 158, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 79) }
```

Border

The CSS property to change the border of an element to Yxy 36.2247, 0.4205, 0.4306 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(192, 158, 79) }
```

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

```
.border{ border-color:rgb(192, 158, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 158, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 79);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2247, 0.4205, 0.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 79) }
```

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

```
.background{ background-color: rgb(192,  
158, 79) }
```

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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