

Converting Colors

Yxy(36.4791, 0.4835, 0.4543)

Have a look what the booklet for
Yxy(36.4791, 0.4835, 0.4543)
contains.

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Color

Yxy(36.4294, 0.4837, 0.4542)

Conversions

Conversions Part 1

Format	Color
Hex	D69700
RGB	214, 151, 0
RGB Percent	84%, 59%, 0%
CMY	0.1608, 0.4078, 1.0000
CMYK	0.00, 0.29, 1.00, 0.16
HSL	42°, 100%, 42%
HSV	42°, 100%, 84%
XYZ	38.7955, 36.4294, 4.9808
YIQ	152.6230, 86.0190, -33.6050

Conversions

Conversions Part 2

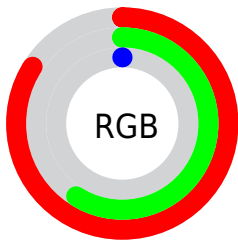
Format	Color
R _Y B	89, 214, 0
Decimal	14063360
CIE Lab	66.85, 13.80, 71.31
CIE LCh	67, 72.634, 79.050
Yxy	36.4294, 0.4837, 0.4542
Android (android.graphics.Color)	4292253440 (0xFFD69700)
YUV	152.6230, -75.2431, 53.8276
Hunter-Lab	60.3568, 9.1099, 37.3570

Details

The Yxy color **36.4294, 0.4837, 0.4542** 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 **8.4073, 0.1602, 0.0968**, and the grayscale version is **31.9894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4306, 0.4417, 0.4492**, and **15.8866, 0.4954, 0.4448** is the 20% darker color. If you saturate the color by 10%, you get **36.4317, 0.4837, 0.4542**, and if you desaturate by 10%, it is **38.5692, 0.4725, 0.4558**.

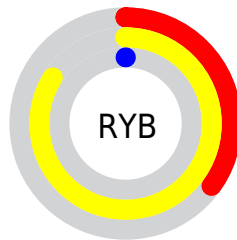
Distribution



Red (84%)

Green (59%)

Blue (0%)



Red (35%)

Yellow (84%)

Blue (0%)

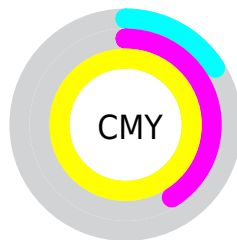


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4294, 0.4837, 0.4542 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 36.4294, 0.4837, 0.4542 by changing the saturation by 10% instead.


 36.4294, 0.4837,
0.4542


 36.4294, 0.4837,
0.4542


330.8335, 0.4044,
0.4026

 24.7660, 0.4985,
0.4610


 69.6943, 0.4581,
0.4396


 15.9028, 0.5144,
0.4662


 92.0646, 0.4474,
0.4328


 9.4554, 0.5314,
0.4686


 118.7727, 0.4379,
0.4265

 5.0394, 0.5412,
0.4588

 150.2030, 0.4296,
0.4208

 2.2704, 0.5568,
0.4432

 186.7398, 0.4222,
0.4156

 0.7580, 0.5867,
0.4133

 228.7675, 0.4156,


 0.0000, 1.0000,

0.4109

0.0000

 276.6707, 0.4097,
0.4066


 0.0000, 0.0000,
0.0000


 36.4294, 0.4837,
0.4542

 36.4294, 0.4837,
0.4542


 36.4317, 0.4837,
0.4542

 38.5692, 0.4725,
0.4558

 40.8783, 0.4585,
0.4531

 43.3811, 0.4417,
0.4455

 46.0906, 0.4230,
0.4336

 49.0178, 0.4031,
0.4186

■ 52.1725, 0.3832,
0.4014

■ 55.5639, 0.3637,
0.3831

■ 59.2001, 0.3454,
0.3646

■ 63.0890, 0.3283,
0.3464

Harmonies

Analogous

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



36.4294, 0.5245, 0.3791



36.4294, 0.4837, 0.4542



36.4294, 0.4016, 0.5192

Triad

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



36.4294, 0.4837, 0.4542



36.4294, 0.1552, 0.3099



36.4294, 0.2895, 0.1984

Complementary

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



36.4294, 0.4837, 0.4542



8.4073, 0.1602, 0.0968

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.



36.4294, 0.2027, 0.1758



36.4294, 0.4837, 0.4542



36.4294, 0.1373, 0.2219

Square

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



36.4294, 0.4837, 0.4542



36.4294, 0.2127, 0.4367



36.4294, 0.1532, 0.1814



36.4294, 0.4025, 0.2453

Rectangle

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



36.4294, 0.4837, 0.4542



36.4294, 0.3366, 0.5344



36.4294, 0.1532, 0.1814



36.4294, 0.2565, 0.1880

Sweetspot

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



36.4317, 0.4837, 0.4542



82.4813, 0.3643, 0.3837



14.6672, 0.5787, 0.2961



17.1863, 0.3725, 0.3915



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.



36.4317, 0.4837, 0.4542



53.8828, 0.4844, 0.4536



56.7681, 0.3840, 0.5333



13.8739, 0.3274, 0.3454



22.2109, 0.4825, 0.4551



1.4800, 0.4690, 0.4658

Inverse Universe

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



8.4073, 0.1602, 0.0968



12.2588, 0.1598, 0.0952



5.3638, 0.1592, 0.0651



12.5984, 0.2982, 0.3121



5.2400, 0.1609, 0.0993



0.4587, 0.1706, 0.1342

Previews

White Background



This preview shows how the Yxy color 36.4294, 0.4837, 0.4542 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 36.4294, 0.4837, 0.4542 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 36.4294, 0.4837, 0.4542

Background



This preview shows how black text looks on a background with the Yxy color 36.4294, 0.4837, 0.4542.



This preview shows how white text looks on a background with the Yxy color 36.4294, 0.4837, 0.4542.

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

36.4294, 0.4837, 0.4542

Protanopia

36.4138, 0.4390, 0.4854

Deuteranopia

36.5645, 0.4715, 0.4638



Tritanopia

36.3627, 0.3891, 0.3160

Trichromacy



Original Color

36.4294, 0.4837, 0.4542

Protanomaly

36.4159, 0.4552, 0.4743

Deuteranomaly

36.6665, 0.4755, 0.4606

Tritanomaly

35.6965, 0.4433, 0.3859

Monochromacy



Original Color

36.4294, 0.4837, 0.4542

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.4335, 0.3911, 0.4083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4294, 0.4837, 0.4542 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(214, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 151, 0)  
}
```

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(214, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 151, 0) }
```

Border

The CSS property to change the border of an element to Yxy 36.4294, 0.4837, 0.4542 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(214, 151, 0) }
```

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

```
.border{ border-color:rgb(214, 151, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 151, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 151,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4294, 0.4837, 0.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 151, 0) }
```

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

```
.background{ background-color: rgb(214,  
151, 0) }
```

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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