

Converting Colors

$Y_{xy}(36.0464, 0.4505, 0.4742)$

Have a look what the booklet for
Yxy(36.0464, 0.4505, 0.4742)
contains.

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Color

Yxy(36.0464, 0.4505, 0.4742)

Conversions

Conversions Part 1

Format	Color
Hex	C09F12
RGB	192, 159, 18
RGB Percent	75%, 62%, 7%
CMY	0.2471, 0.3764, 0.9295
CMYK	0.00, 0.17, 0.91, 0.25
HSL	49°, 83%, 41%
HSV	49°, 91%, 75%
XYZ	34.2448, 36.0464, 5.7239
YIQ	152.7930, 64.9290, -36.8550

Conversions

Conversions Part 2

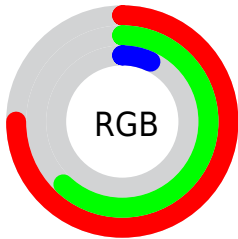
Format	Color
R_{YB}	59, 192, 18
Decimal	12623634
CIE Lab	66.56, -0.06, 67.41
CIE LCh	67, 67.415, 90.048
Yxy	36.0464, 0.4505, 0.4742
Android (android.graphics.Color)	4290813714 (0xFFC09F12)
YUV	152.7930, -66.4529, 34.3845
Hunter-Lab	60.0387, -3.2548, 36.3745

Details

The Yxy color **36.0464, 0.4505, 0.4742** 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 **6.2995, 0.1616, 0.0930**, and the grayscale version is **32.0340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8931, 0.4301, 0.4527**, and **15.7935, 0.4572, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **34.8479, 0.4574, 0.4750**, and if you desaturate by 10%, it is **37.4098, 0.4408, 0.4697**.

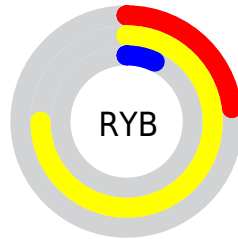
Distribution



Red (75%)

Green (62%)

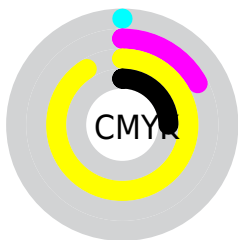
Blue (7%)



Red (23%)

Yellow (75%)

Blue (7%)

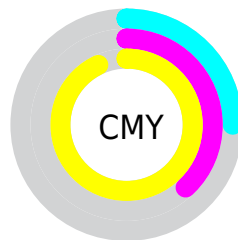


Cyan (0%)

Magenta (17%)

Yellow (91%)

Black (25%)



Cyan (25%)

Magenta (38%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0464, 0.4505, 0.4742 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 36.0464, 0.4505, 0.4742 by changing the saturation by 10% instead.

 36.0464, 0.4505,
0.4742


 36.0464, 0.4505,
0.4742

329.1633, 0.3872,
0.4075


 24.4700, 0.4619,
0.4862


 69.1037, 0.4303,
0.4529


 15.6827, 0.4732,
0.4982


 91.3534, 0.4218,
0.4439


 9.2999, 0.4871,
0.5129


 117.9296, 0.4142,
0.4359

 4.9373, 0.4871,
0.5129

 149.2169, 0.4075,
0.4289

 2.2105, 0.4870,
0.5130

 185.5995, 0.4015,
0.4226

 0.7257, 0.4868,
0.5132

 227.4618, 0.3962,

 0.0000, 0.0000,

0.4170

0.0000

275.1883, 0.3915,
0.4120

■ 36.0464, 0.4505,
0.4742

■ 36.0464, 0.4505,
0.4742

■ 34.8479, 0.4574,
0.4750

■ 37.4098, 0.4408,
0.4697

■ 38.8720, 0.4283,
0.4605

■ 40.4439, 0.4135,
0.4472

■ 42.1331, 0.3970,
0.4306

■ 43.9464, 0.3798,
0.4117

■ 45.8898, 0.3623,
0.3914

■ 47.9689, 0.3452,
0.3706

■ 50.1889, 0.3289,
0.3501

■ 52.5546, 0.3136,
0.3302

Harmonies

Analogous

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



36.0464, 0.5047, 0.4049



36.0464, 0.4505, 0.4742



36.0464, 0.3655, 0.5185

Triad

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



36.0464, 0.4505, 0.4742



36.0464, 0.1535, 0.2765



36.0464, 0.3290, 0.2194

Complementary

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



36.0464, 0.4505, 0.4742



6.2995, 0.1616, 0.0930

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.



36.0464, 0.2354, 0.1887



36.0464, 0.4505, 0.4742



36.0464, 0.1482, 0.2101

Square

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



36.0464, 0.4505, 0.4742



36.0464, 0.1950, 0.3852



36.0464, 0.1750, 0.1840



36.0464, 0.4338, 0.2712

Rectangle

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



36.0464, 0.4505, 0.4742



36.0464, 0.3028, 0.5101



36.0464, 0.1750, 0.1840



36.0464, 0.2948, 0.2065

Sweetspot

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



36.0482, 0.4505, 0.4742



84.3316, 0.3568, 0.3848



11.8932, 0.5803, 0.3055



17.8204, 0.3627, 0.3919



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.



36.0482, 0.4505, 0.4742



62.7924, 0.4581, 0.4744



43.2988, 0.3699, 0.5386



11.4232, 0.3269, 0.3475



23.5575, 0.4569, 0.4755



1.1035, 0.4470, 0.4832

Inverse Universe

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



6.2995, 0.1616, 0.0930



8.9592, 0.1544, 0.0757



5.5468, 0.1801, 0.0814



10.0502, 0.2983, 0.3098



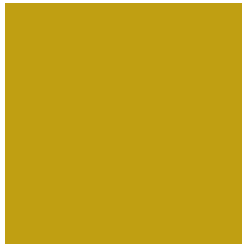
3.5127, 0.1554, 0.0794



0.2471, 0.1665, 0.1193

Previews

White Background



This preview shows how the Yxy color 36.0464, 0.4505, 0.4742 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 36.0464, 0.4505, 0.4742 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 36.0464, 0.4505, 0.4742

Background



This preview shows how black text looks on a background with the Yxy color 36.0464, 0.4505, 0.4742.



This preview shows how white text looks on a background with the Yxy color 36.0464, 0.4505, 0.4742.

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

36.0464, 0.4505, 0.4742

Protanopia

35.9550, 0.4379, 0.4835

Deuteranopia

36.1522, 0.4676, 0.4583



Tritanopia

35.9624, 0.3560, 0.3148

Trichromacy



Original Color

36.0464, 0.4505, 0.4742

Protanomaly

35.9759, 0.4421, 0.4803

Deuteranomaly

36.1104, 0.4610, 0.4645

Tritanomaly

35.4095, 0.4042, 0.3872

Monochromacy



Original Color

36.0464, 0.4505, 0.4742

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.6577, 0.3740, 0.4051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0464, 0.4505, 0.4742 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, 159, 18)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 18)  
}
```

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, 159, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 18) }
```

Border

The CSS property to change the border of an element to Yxy 36.0464, 0.4505, 0.4742 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, 159, 18) }
```

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

```
.border{ border-color:rgb(192, 159, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 159, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 159, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 159, 18);  
box-shadow:4px 4px 4px 4px rgb(192, 159,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0464, 0.4505, 0.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 18) }
```

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

```
.background{ background-color: rgb(192,  
159, 18) }
```

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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