

Converting Colors

Yxy(35.8686, 0.4861, 0.4522)

Have a look what the booklet for
Yxy(35.8686, 0.4861, 0.4522)
contains.

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Color

Yxy(35.7910, 0.4862, 0.4522)

Conversions

Conversions Part 1

Format	Color
Hex	D69500
RGB	214, 149, 0
RGB Percent	84%, 58%, 0%
CMY	0.1607, 0.4157, 1.0000
CMYK	0.00, 0.30, 1.00, 0.16
HSL	42°, 100%, 42%
HSV	42°, 100%, 84%
XYZ	38.4821, 35.7910, 4.8756
YIQ	151.4490, 86.5690, -32.5590

Conversions

Conversions Part 2

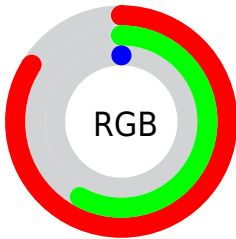
Format	Color
RYB	93, 214, 0
Decimal	14062848
CIELab	66.36, 14.89, 70.98
CIELCh	66, 72.525, 78.149
Yxy	35.7910, 0.4862, 0.4522
Android (android.graphics.Color)	4292252928 (0xFFD69500)
YUV	151.4490, -74.6644, 54.8572
Hunter-Lab	59.8256, 10.1231, 37.0460

Details

The Yxy color **35.7910, 0.4862, 0.4522** 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 **8.6385, 0.1609, 0.0990**, and the grayscale version is **31.4508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4663, 0.4437, 0.4481**, and **15.6960, 0.4972, 0.4434** is the 20% darker color. If you saturate the color by 10%, you get **35.7931, 0.4862, 0.4522**, and if you desaturate by 10%, it is **37.9639, 0.4746, 0.4541**.

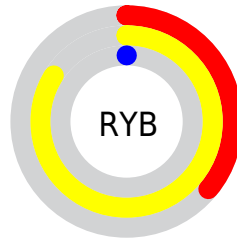
Distribution



Red (84%)

Green (58%)

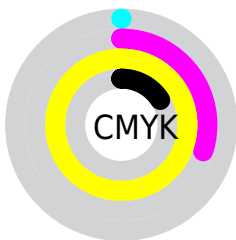
Blue (0%)



Red (36%)

Yellow (84%)

Blue (0%)

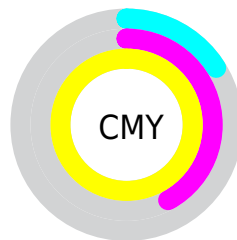


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (42%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7910, 0.4862, 0.4522 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 35.7910, 0.4862, 0.4522 by changing the saturation by 10% instead.


 35.7910, 0.4862,
0.4522


 35.7910, 0.4862,
0.4522


328.0461, 0.4053,
0.4018

 24.2728, 0.5014,
0.4586


 68.7094, 0.4600,
0.4381

 15.5361, 0.5179,
0.4635


 90.8783, 0.4491,
0.4314

 9.1965, 0.5352,
0.4648


 117.3664, 0.4394,
0.4253

 4.8696, 0.5460,
0.4540

 148.5578, 0.4309,
0.4196

 2.1709, 0.5631,
0.4369

 184.8372, 0.4234,
0.4145

 0.7041, 0.5981,
0.4019

 226.5887, 0.4167,

 0.0000, 0.0000,

0.4099

0.0000

274.1969, 0.4107,
0.4056

35.7910, 0.4862,
0.4522

35.7910, 0.4862,
0.4522

35.7931, 0.4862,
0.4522

37.9639, 0.4746,
0.4541

40.3131, 0.4602,
0.4515

42.8629, 0.4430,
0.4441

45.6264, 0.4239,
0.4324

48.6149, 0.4038,
0.4175

■ 51.8385, 0.3835,
0.4005

■ 55.3061, 0.3639,
0.3824

■ 59.0264, 0.3454,
0.3641

■ 63.0072, 0.3283,
0.3462

Harmonies

Analogous

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



35.7910, 0.5255, 0.3769



35.7910, 0.4862, 0.4522



35.7910, 0.4046, 0.5185

Triad

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



35.7910, 0.4862, 0.4522



35.7910, 0.1558, 0.3132



35.7910, 0.2863, 0.1969

Complementary

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



35.7910, 0.4862, 0.4522



8.6385, 0.1609, 0.0990

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.



35.7910, 0.2002, 0.1751



35.7910, 0.4862, 0.4522



35.7910, 0.1368, 0.2234

Square

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



35.7910, 0.4862, 0.4522



35.7910, 0.2146, 0.4410



35.7910, 0.1517, 0.1815



35.7910, 0.3995, 0.2433

Rectangle

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



35.7910, 0.4862, 0.4522



35.7910, 0.3396, 0.5355



35.7910, 0.1517, 0.1815



35.7910, 0.2535, 0.1867

Sweetspot

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



35.7931, 0.4862, 0.4522



82.0724, 0.3645, 0.3830



14.7132, 0.5727, 0.2928



17.0883, 0.3728, 0.3907



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.



35.7931, 0.4862, 0.4522



52.9147, 0.4870, 0.4515



57.1901, 0.3870, 0.5310



13.8535, 0.3274, 0.3452



21.8219, 0.4849, 0.4532



1.4589, 0.4709, 0.4643

Inverse Universe

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



8.6385, 0.1609, 0.0990



12.5936, 0.1604, 0.0974



5.2919, 0.1579, 0.0643



12.6178, 0.2982, 0.3123



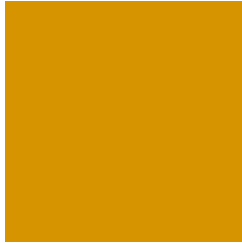
5.3820, 0.1616, 0.1016



0.4692, 0.1713, 0.1365

Previews

White Background



This preview shows how the Yxy color 35.7910, 0.4862, 0.4522 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 35.7910, 0.4862, 0.4522 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 35.7910, 0.4862, 0.4522

Background



This preview shows how black text looks on a background with the Yxy color 35.7910, 0.4862, 0.4522.



This preview shows how white text looks on a background with the Yxy color 35.7910, 0.4862, 0.4522.

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

35.7910, 0.4862, 0.4522

Protanopia

35.8148, 0.4381, 0.4860

Deuteranopia

35.7616, 0.4730, 0.4626



Tritanopia

35.7190, 0.3922, 0.3160

Trichromacy



Original Color

35.7910, 0.4862, 0.4522

Protanomaly

35.6008, 0.4565, 0.4732

Deuteranomaly

35.8664, 0.4770, 0.4594

Tritanomaly

35.0777, 0.4458, 0.3847

Monochromacy



Original Color

35.7910, 0.4862, 0.4522

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.6559, 0.3922, 0.4074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7910, 0.4862, 0.4522 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, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 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, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 0) }
```

Border

The CSS property to change the border of an element to Yxy 35.7910, 0.4862, 0.4522 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, 149, 0) }
```

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

```
.border{ border-color:rgb(214, 149, 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, 149, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7910, 0.4862, 0.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 0) }
```

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

```
.background{ background-color: rgb(214,  
149, 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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