

Converting Colors

$Yxy(35.6609, 0.4685, 0.4587)$

Have a look what the booklet for
Yxy(35.6609, 0.4685, 0.4587)
contains.

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Color

Yxy(35.6740, 0.4684, 0.4587)

Conversions

Conversions Part 1

Format	Color
Hex	CC9915
RGB	204, 153, 21
RGB Percent	80%, 60%, 8%
CMY	0.2000, 0.4000, 0.9181
CMYK	0.00, 0.25, 0.90, 0.20
HSL	43°, 81%, 44%
HSV	43°, 90%, 80%
XYZ	36.4284, 35.6740, 5.6696
YIQ	153.2010, 72.7680, -30.2400

Conversions

Conversions Part 2

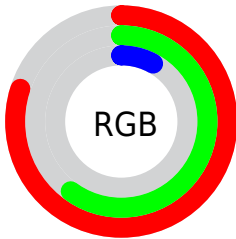
Format	Color
R_{YB}	92, 204, 21
Decimal	13408533
CIE _{Lab}	66.27, 8.58, 67.16
CIE _{LCh}	66, 67.707, 82.719
Yxy	35.6740, 0.4684, 0.4587
Android (android.graphics.Color)	4291598613 (0xFFCC9915)
YUV	153.2010, -65.1751, 44.5507
Hunter-Lab	59.7277, 4.3450, 36.1814

Details

The Yxy color **35.6740, 0.4684, 0.4587** 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 **9.1384, 0.1672, 0.1130**, and the grayscale version is **32.2092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5102, 0.4364, 0.4457**, and **15.5225, 0.4820, 0.4555** is the 20% darker color. If you saturate the color by 10%, you get **33.8072, 0.4791, 0.4577**, and if you desaturate by 10%, it is **37.6887, 0.4550, 0.4554**.

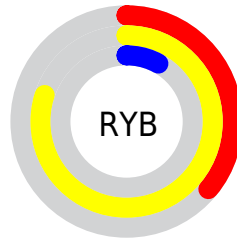
Distribution



Red (80%)

Green (60%)

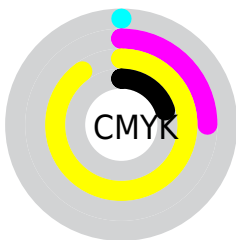
Blue (8%)



Red (36%)

Yellow (80%)

Blue (8%)

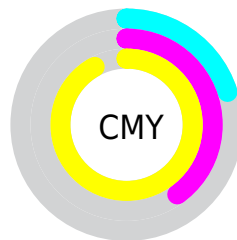


Cyan (0%)

Magenta (25%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (40%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6740, 0.4684, 0.4587 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 35.6740, 0.4684, 0.4587 by changing the saturation by 10% instead.


 35.6740, 0.4684,
0.4587


 35.6740, 0.4684,
0.4587


 327.5334, 0.3953,
0.4019


 24.1825, 0.4823,
0.4678


 68.5286, 0.4445,
0.4414


 15.4691, 0.4970,
0.4758


 90.6605, 0.4346,
0.4338

 9.1493, 0.5153,
0.4847


 117.1080, 0.4260,
0.4270

 4.8387, 0.5218,
0.4782

 148.2555, 0.4183,
0.4208

 2.1529, 0.5322,
0.4678

 184.4874, 0.4115,
0.4153

 0.6941, 0.5561,
0.4439

 226.1881, 0.4055,

 0.0000, 0.0000,

0.4103

0.0000

273.7420, 0.4002,
0.4059

■ 35.6740, 0.4684,
0.4587

■ 35.6740, 0.4684,
0.4587

■ 33.8072, 0.4791,
0.4577

■ 37.6887, 0.4550,
0.4554

■ 33.7635, 0.4793,
0.4576

■ 39.8653, 0.4388,
0.4473

■ 42.2167, 0.4206,
0.4351

■ 44.7525, 0.4014,
0.4197

■ 47.4813, 0.3819,
0.4022

■ 50.4109, 0.3628,
0.3836

■ 53.5483, 0.3447,
0.3648

■ 56.9004, 0.3278,
0.3463

■ 60.4735, 0.3124,
0.3286

Harmonies

Analogous

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



35.6740, 0.5116, 0.3877



35.6740, 0.4684, 0.4587



35.6740, 0.3881, 0.5138

Triad

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



35.6740, 0.4684, 0.4587



35.6740, 0.1591, 0.2994



35.6740, 0.3036, 0.2090

Complementary

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



35.6740, 0.4684, 0.4587



9.1384, 0.1672, 0.1130

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.



35.6740, 0.2167, 0.1842



35.6740, 0.4684, 0.4587



35.6740, 0.1455, 0.2214

Square

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



35.6740, 0.4684, 0.4587



35.6740, 0.2101, 0.4151



35.6740, 0.1646, 0.1863



35.6740, 0.4103, 0.2566

Rectangle

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



35.6740, 0.4684, 0.4587



35.6740, 0.3257, 0.5195



35.6740, 0.1646, 0.1863



35.6740, 0.2711, 0.1979

Sweetspot

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



35.6758, 0.4684, 0.4587



84.7016, 0.3583, 0.3791



13.8482, 0.5520, 0.2900



17.7561, 0.3648, 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.



35.6758, 0.4684, 0.4587



55.5330, 0.4803, 0.4569



51.1686, 0.3829, 0.5281



12.5479, 0.3272, 0.3456



21.4139, 0.4783, 0.4584



1.2284, 0.4642, 0.4696

Inverse Universe

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



9.1384, 0.1672, 0.1130



11.7289, 0.1588, 0.0918



5.8705, 0.1707, 0.0767



11.3442, 0.2983, 0.3118



4.7107, 0.1600, 0.0961



0.3730, 0.1711, 0.1359

Previews

White Background



This preview shows how the Yxy color 35.6740, 0.4684, 0.4587 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 35.6740, 0.4684, 0.4587 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 35.6740, 0.4684, 0.4587

Background



This preview shows how black text looks on a background with the Yxy color 35.6740, 0.4684, 0.4587.



This preview shows how white text looks on a background with the Yxy color 35.6740, 0.4684, 0.4587.

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

35.6740, 0.4684, 0.4587

Protanopia

35.8517, 0.4357, 0.4825

Deuteranopia

35.6740, 0.4684, 0.4587



Tritanopia

35.4948, 0.3757, 0.3154

Trichromacy



Original Color

35.6740, 0.4684, 0.4587

Protanomaly

35.8053, 0.4473, 0.4740

Deuteranomaly

35.6740, 0.4684, 0.4587

Tritanomaly

34.9876, 0.4226, 0.3807

Monochromacy



Original Color

35.6740, 0.4684, 0.4587

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.5730, 0.3796, 0.3994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6740, 0.4684, 0.4587 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(204, 153, 21)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 21)  
}
```

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(204, 153, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 21) }
```

Border

The CSS property to change the border of an element to Yxy 35.6740, 0.4684, 0.4587 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(204, 153, 21) }
```

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

```
.border{ border-color:rgb(204, 153, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 21);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6740, 0.4684, 0.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 21) }
```

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

```
.background{ background-color: rgb(204,  
153, 21) }
```

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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