

Converting Colors

Yxy(36.6322, 0.4768, 0.4606)

Have a look what the booklet for
Yxy(36.6322, 0.4768, 0.4606)
contains.

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Color

Yxy(36.6665, 0.4755, 0.4606)

Conversions

Conversions Part 1

Format	Color
Hex	D19A00
RGB	209, 154, 0
RGB Percent	82%, 60%, 0%
CMY	0.1804, 0.3961, 0.9993
CMYK	0.00, 0.26, 1.00, 0.18
HSL	44°, 100%, 41%
HSV	44°, 100%, 82%
XYZ	37.8526, 36.6665, 5.0868
YIQ	152.8890, 82.2140, -36.2340

Conversions

Conversions Part 2

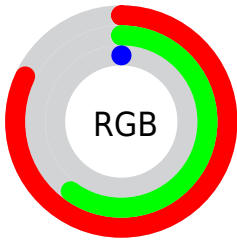
Format	Color
RYB	75, 209, 0
Decimal	13736448
CIELab	67.03, 9.99, 71.12
CIElCh	67, 71.815, 82.000
Yxy	36.6665, 0.4755, 0.4606
Android (android.graphics.Color)	4291926528 (0xFFD19A00)
YUV	152.8890, -75.3743, 49.2093
Hunter-Lab	60.5529, 5.6159, 37.4063

Details

The Yxy color **36.6665, 0.4755, 0.4606** 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 **7.3543, 0.1585, 0.0905**, and the grayscale version is **32.1216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8798, 0.4394, 0.4516**, and **16.0901, 0.4853, 0.4528** is the 20% darker color. If you saturate the color by 10%, you get **36.6531, 0.4756, 0.4606**, and if you desaturate by 10%, it is **38.5816, 0.4655, 0.4615**.

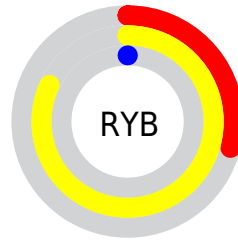
Distribution



Red (82%)

Green (60%)

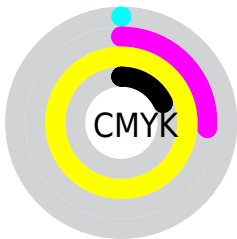
Blue (0%)



Red (29%)

Yellow (82%)

Blue (0%)

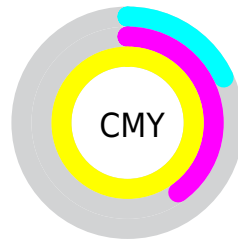


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6665, 0.4755, 0.4606 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 36.6665, 0.4755, 0.4606 by changing the saturation by 10% instead.


 36.6665, 0.4755,
0.4606


 36.6665, 0.4755,
0.4606


 331.8644, 0.4004,
0.4048


 24.9494, 0.4893,
0.4687


 70.0596, 0.4514,
0.4443


 16.0393, 0.5038,
0.4756


 92.5043, 0.4413,
0.4369

 9.5520, 0.5194,
0.4806


 119.2937, 0.4324,
0.4301

 5.1029, 0.5266,
0.4734

 150.8121, 0.4244,
0.4240

 2.3078, 0.5381,
0.4619

 187.4440, 0.4174,
0.4184

 0.7778, 0.5603,
0.4397

 229.5738, 0.4111,

 0.0000, 0.0000,

0.4134

0.0000

277.5858, 0.4055,
0.4089

36.6665, 0.4755,
0.4606

36.6665, 0.4755,
0.4606

36.6531, 0.4756,
0.4606

38.5816, 0.4655,
0.4615

40.6378, 0.4528,
0.4580

42.8574, 0.4373,
0.4498

45.2522, 0.4197,
0.4374

47.8322, 0.4009,
0.4218

■ 50.6062, 0.3817,
0.4040

■ 53.5824, 0.3629,
0.3851

■ 56.7682, 0.3449,
0.3659

■ 60.1705, 0.3281,
0.3470

Harmonies

Analogous

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



36.6665, 0.5207, 0.3863



36.6665, 0.4755, 0.4606



36.6665, 0.3919, 0.5213

Triad

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



36.6665, 0.4755, 0.4606



36.6665, 0.1535, 0.2996



36.6665, 0.3002, 0.2033

Complementary

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



36.6665, 0.4755, 0.4606



7.3543, 0.1585, 0.0905

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.



36.6665, 0.2107, 0.1784



36.6665, 0.4755, 0.4606



36.6665, 0.1392, 0.2175

Square

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



36.6665, 0.4755, 0.4606



36.6665, 0.2067, 0.4228



36.6665, 0.1580, 0.1810



36.6665, 0.4123, 0.2519

Rectangle

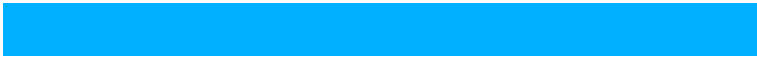
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.6665, 0.4755, 0.4606



36.6665, 0.3271, 0.5304



36.6665, 0.1580, 0.1810



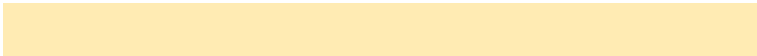
36.6665, 0.2665, 0.1922

Sweetspot

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



36.6683, 0.4755, 0.4606



83.8253, 0.3637, 0.3859



13.8444, 0.5894, 0.3021



17.5088, 0.3716, 0.3940



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.



36.6683, 0.4755, 0.4606



57.1554, 0.4763, 0.4600



53.1077, 0.3783, 0.5378



13.2487, 0.3272, 0.3460



22.7656, 0.4746, 0.4614



1.3986, 0.4623, 0.4712

Inverse Universe

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



7.3543, 0.1585, 0.0905



11.2541, 0.1580, 0.0886



5.2580, 0.1623, 0.0668



11.9169, 0.2982, 0.3114



4.6644, 0.1591, 0.0927



0.3923, 0.1693, 0.1293

Previews

White Background



This preview shows how the Yxy color 36.6665, 0.4755, 0.4606 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 36.6665, 0.4755, 0.4606 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 36.6665, 0.4755, 0.4606

Background



This preview shows how black text looks on a background with the Yxy color 36.6665, 0.4755, 0.4606.



This preview shows how white text looks on a background with the Yxy color 36.6665, 0.4755, 0.4606.

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

36.6665, 0.4755, 0.4606

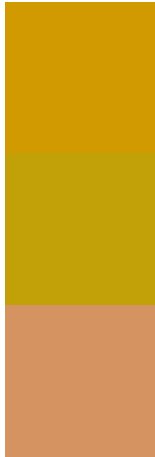
Protanopia

36.7678, 0.4381, 0.4865

Tritanopia

36.5769, 0.3795, 0.3157

Trichromacy



Original Color

36.6665, 0.4755, 0.4606

Protanomaly

36.4966, 0.4521, 0.4767

Tritanomaly

35.8954, 0.4340, 0.3887

Monochromacy



Original Color

36.6665, 0.4755, 0.4606

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.5298, 0.3883, 0.4103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6665, 0.4755, 0.4606 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(209, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 154, 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(209, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 154, 0) }
```

Border

The CSS property to change the border of an element to Yxy 36.6665, 0.4755, 0.4606 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(209, 154, 0) }
```

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

```
.border{ border-color:rgb(209, 154, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 154, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 154,  
0) }
```

Background

The CSS property to change the background color of an element to Yxy 36.6665, 0.4755, 0.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 154, 0) }
```

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

```
.background{ background-color: rgb(209,  
154, 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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