

Converting Colors

$Yxy(34.5599, 0.4627, 0.4099)$

Have a look what the booklet for
Yxy(34.5599, 0.4627, 0.4099)
contains.

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Color

Yxy(34.5599, 0.4627, 0.4099)

Conversions

Conversions Part 1

Format	Color
Hex	D78F48
RGB	215, 143, 72
RGB Percent	84%, 56%, 28%
CMY	0.1569, 0.4391, 0.7177
CMYK	0.00, 0.33, 0.67, 0.16
HSL	30°, 64%, 56%
HSV	30°, 67%, 84%
XYZ	39.0116, 34.5599, 10.7415
YIQ	156.4340, 65.7030, -6.8170

Conversions

Conversions Part 2

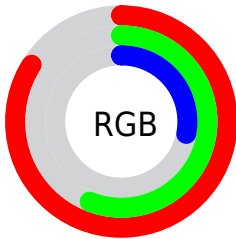
Format	Color
R_{YB}	215, 213, 72
Decimal	14126920
CIE _{Lab}	65.40, 20.70, 47.94
CIE _{LCh}	65, 52.218, 66.645
Y _{xy}	34.5599, 0.4627, 0.4099
Android (android.graphics.Color)	4292317000 (0xFFD78F48)
YUV	156.4340, -41.6260, 51.3624
Hunter-Lab	58.7877, 15.5746, 30.3181

Details

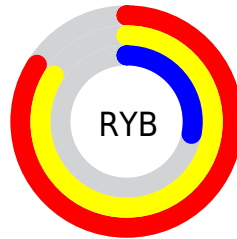
The Yxy color **34.5599, 0.4627, 0.4099** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **26.2110, 0.2090, 0.2200**, and the grayscale version is **33.6179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6226, 0.4184, 0.4045**, and **14.7764, 0.5038, 0.4212** is the 20% darker color. If you saturate the color by 10%, you get **31.2349, 0.4900, 0.4149**, and if you desaturate by 10%, it is **38.2997, 0.4350, 0.4010**.

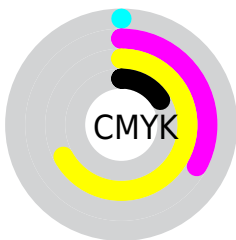
Distribution



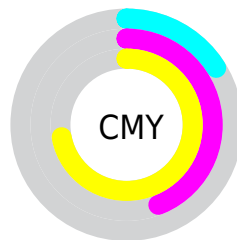
- Red (84%)
- Green (56%)
- Blue (28%)



- Red (84%)
- Yellow (84%)
- Blue (28%)



- Cyan (0%)
- Magenta (33%)
- Yellow (67%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5599, 0.4627, 0.4099 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 34.5599, 0.4627, 0.4099 by changing the saturation by 10% instead.


 34.5599, 0.4627,
0.4099


 34.5599, 0.4627,
0.4099


322.6215, 0.3863,
0.3741


 23.3241, 0.4808,
0.4161

 66.8034, 0.4354,
0.3987


 14.8330, 0.5027,
0.4220


 88.5799, 0.4249,
0.3939

 8.7022, 0.5292,
0.4259


 114.6387, 0.4160,
0.3896

 4.5475, 0.5692,
0.4308

 145.3642, 0.4084,
0.3858

 1.9843, 0.5929,
0.4071

 181.1409, 0.4017,
0.3824

 0.5983, 0.6469,
0.3531

222.3530, 0.3960,

 0.0000, 1.0000,

0.3793

0.0000

269.3851, 0.3909,
0.3766

0.0000, 0.0000,
0.0000

34.5599, 0.4627,
0.4099

34.5599, 0.4627,
0.4099

31.2349, 0.4900,
0.4149

38.2997, 0.4350,
0.4010

28.2999, 0.5150,
0.4150

42.4668, 0.4082,
0.3895

25.7338, 0.5363,
0.4095

47.0792, 0.3833,
0.3765

24.9167, 0.5431,
0.4069

52.1522, 0.3607,
0.3631

57.6999, 0.3406,
0.3498

■ 63.7361, 0.3230,
0.3370

■ 70.2737, 0.3076,
0.3249

■ 77.3251, 0.2942,
0.3137

■ 84.2102, 0.2882,
0.3138

Harmonies

Analogous

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



34.5599, 0.4685, 0.3514



34.5599, 0.4627, 0.4099



34.5599, 0.4148, 0.4598

Triad

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



34.5599, 0.4627, 0.4099



34.5599, 0.2083, 0.3541



34.5599, 0.2661, 0.2169

Complementary

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



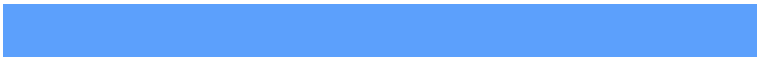
34.5599, 0.4627, 0.4099



26.2110, 0.2090, 0.2200

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.



34.5599, 0.2085, 0.2084



34.5599, 0.4627, 0.4099



34.5599, 0.1785, 0.2750

Square

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



34.5599, 0.4627, 0.4099



34.5599, 0.2675, 0.4374



34.5599, 0.1791, 0.2262



34.5599, 0.3454, 0.2475

Rectangle

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



34.5599, 0.4627, 0.4099



34.5599, 0.3685, 0.4770



34.5599, 0.1791, 0.2262



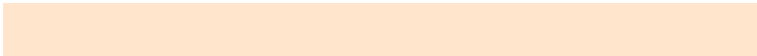
34.5599, 0.2439, 0.2114

Sweetspot

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



34.5616, 0.4627, 0.4099



81.8439, 0.3477, 0.3546



21.1470, 0.4129, 0.2459



17.0224, 0.3534, 0.3584



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.



34.5616, 0.4627, 0.4099



44.0662, 0.5010, 0.4156



62.2974, 0.4051, 0.4772



13.4296, 0.3279, 0.3406



15.1181, 0.5408, 0.4088



1.0774, 0.5143, 0.4298

Inverse Universe

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



26.2110, 0.2090, 0.2200



30.9227, 0.1923, 0.1923



11.2282, 0.1849, 0.1192



13.0311, 0.2982, 0.3171



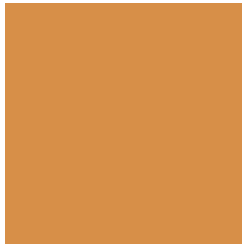
9.5865, 0.1777, 0.1598



0.7438, 0.1864, 0.1910

Previews

White Background



This preview shows how the Yxy color 34.5599, 0.4627, 0.4099 looks on a white background.

Color Contrast Check

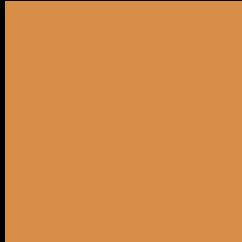
Large Text (above 18pt) WCAG AA × Fail

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 34.5599, 0.4627, 0.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

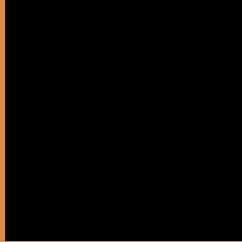
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.5599, 0.4627, 0.4099

Background



This preview shows how black text looks on a background with the Yxy color 34.5599, 0.4627, 0.4099.



This preview shows how white text looks on a background with the Yxy color 34.5599, 0.4627, 0.4099.

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

34.5599, 0.4627, 0.4099

Protanopia

34.5622, 0.4045, 0.4418

Deuteranopia

34.4457, 0.4387, 0.4293



Tritanopia

34.5879, 0.3969, 0.3171

Trichromacy



Original Color

34.5599, 0.4627, 0.4099

Protanomaly

34.2376, 0.4258, 0.4301

Deuteranomaly

34.4721, 0.4479, 0.4215

Tritanomaly

34.3904, 0.4243, 0.3536

Monochromacy



Original Color

34.5599, 0.4627, 0.4099

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.9610, 0.3660, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5599, 0.4627, 0.4099 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(215, 143, 72)` looks like.

```
.text, #text, p{  
    color:rgb(215, 143, 72)  
}
```

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(215, 143, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 143, 72) }
```

Border

The CSS property to change the border of an element to Yxy 34.5599, 0.4627, 0.4099 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(215, 143, 72) }
```

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

```
.border{ border-color:rgb(215, 143, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 143, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 143, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 143, 72);  
box-shadow:4px 4px 4px 4px rgb(215, 143,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5599, 0.4627, 0.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 143, 72) }
```

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

```
.background{ background-color: rgb(215,  
143, 72) }
```

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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