

Converting Colors

$Y_{xy}(34.0534, 0.4608, 0.4177)$

Have a look what the booklet for
Yxy(34.0534, 0.4608, 0.4177)
contains.

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Color

Yxy(34.0534, 0.4608, 0.4177)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D29043 |
| RGB | 210, 144, 67 |
| RGB Percent | 82%, 56%, 26% |
| CMY | 0.1764, 0.4353, 0.7372 |
| CMYK | 0.00, 0.31, 0.68, 0.18 |
| HSL | 32°, 61%, 54% |
| HSV | 32°, 68%, 82% |
| XYZ | 37.5672, 34.0534, 9.9054 |
| YIQ | 154.9560, 64.0530, -9.9550 |

Conversions

Conversions Part 2

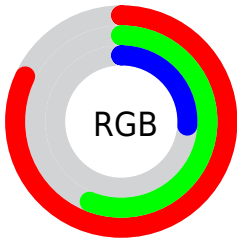
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 190, 210, 67 |
| Decimal | 13799491 |
| CIE _{Lab} | 65.00, 17.78, 49.71 |
| CIE _{LCh} | 65, 52.797, 70.321 |
| Yxy | 34.0534, 0.4608, 0.4177 |
| Android (android.graphics.Color) | 4291989571 (0xFFD29043) |
| YUV | 154.9560, -43.3623, 48.2736 |
| Hunter-Lab | 58.3553, 12.7905, 30.7846 |

Details

The Yxy color **34.0534, 0.4608, 0.4177** 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 **22.6295, 0.2047, 0.2073**, and the grayscale version is **32.9339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9562, 0.4214, 0.4100**, and **14.6164, 0.4982, 0.4323** is the 20% darker color. If you saturate the color by 10%, you get **31.0353, 0.4857, 0.4230**, and if you desaturate by 10%, it is **37.4185, 0.4349, 0.4084**.

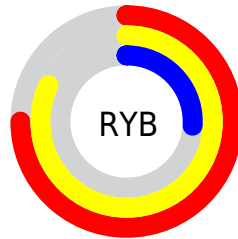
Distribution



Red (82%)

Green (56%)

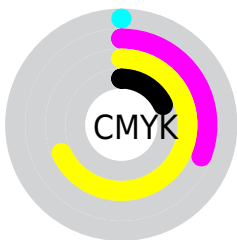
Blue (26%)



Red (75%)

Yellow (82%)

Blue (26%)

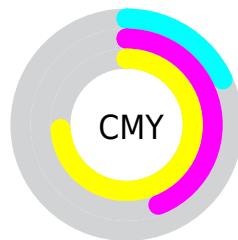


Cyan (0%)

Magenta (31%)

Yellow (68%)

Black (18%)



Cyan (18%)

Magenta (44%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0534, 0.4608, 0.4177 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 34.0534, 0.4608, 0.4177 by changing the saturation by 10% instead.


 34.0534, 0.4608,
0.4177


 34.0534, 0.4608,
0.4177


320.3701, 0.3857,
0.3778


 22.9346, 0.4783,
0.4248


 66.0167, 0.4341,
0.4050


 14.5452, 0.4993,
0.4317


 87.6300, 0.4238,
0.3997

 8.5009, 0.5246,
0.4371


 113.5103, 0.4151,
0.3949

 4.4171, 0.5589,
0.4411

 144.0420, 0.4075,
0.3907

 1.9095, 0.5803,
0.4197

 179.6094, 0.4010,
0.3869

 0.5541, 0.6356,
0.3644

220.5969, 0.3953,

 0.0000, 0.0000,

0.3836

0.0000

267.3890, 0.3902,
0.3806

■ 34.0534, 0.4608,
0.4177

■ 34.0534, 0.4608,
0.4177

■ 31.0353, 0.4857,
0.4230

■ 37.4185, 0.4349,
0.4084

■ 28.3423, 0.5082,
0.4231

■ 41.1405, 0.4094,
0.3963

■ 25.9543, 0.5271,
0.4181

■ 45.2346, 0.3853,
0.3825

■ 25.5275, 0.5306,
0.4169

■ 49.7138, 0.3632,
0.3681

■ 54.5898, 0.3432,
0.3537

■ 59.8741, 0.3255,
0.3397

■ 65.5774, 0.3099,
0.3265

■ 71.7100, 0.2962,
0.3143

■ 78.2156, 0.2848,
0.3039

Harmonies

Analogous

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



34.0534, 0.4730, 0.3587



34.0534, 0.4608, 0.4177



34.0534, 0.4080, 0.4662

Triad

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



34.0534, 0.4608, 0.4177



34.0534, 0.2013, 0.3434



34.0534, 0.2743, 0.2181

Complementary

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



34.0534, 0.4608, 0.4177



22.6295, 0.2047, 0.2073

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.



34.0534, 0.2127, 0.2066



34.0534, 0.4608, 0.4177



34.0534, 0.1752, 0.2661

Square

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



34.0534, 0.4608, 0.4177



34.0534, 0.2581, 0.4304



34.0534, 0.1795, 0.2209



34.0534, 0.3563, 0.2515

Rectangle

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



34.0534, 0.4608, 0.4177



34.0534, 0.3598, 0.4803



34.0534, 0.1795, 0.2209



34.0534, 0.2508, 0.2116

Sweetspot

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



34.0551, 0.4608, 0.4177



83.0277, 0.3473, 0.3567



19.4335, 0.4281, 0.2531



17.3057, 0.3529, 0.3608



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.



34.0551, 0.4608, 0.4177



46.0723, 0.4970, 0.4237



59.5170, 0.4008, 0.4838



12.8474, 0.3277, 0.3415



15.7732, 0.5286, 0.4185



1.0398, 0.5032, 0.4387

Inverse Universe

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



22.6295, 0.2047, 0.2073



27.2714, 0.1871, 0.1765



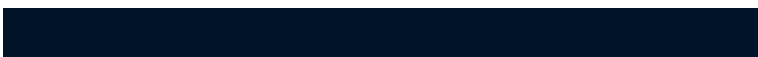
10.0393, 0.1844, 0.1136



12.3042, 0.2982, 0.3162



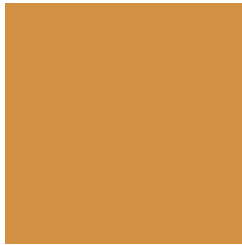
8.2434, 0.1740, 0.1464



0.6189, 0.1837, 0.1814

Previews

White Background



This preview shows how the Yxy color 34.0534, 0.4608, 0.4177 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 34.0534, 0.4608, 0.4177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

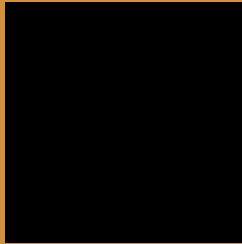
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0534, 0.4608, 0.4177

Background



This preview shows how black text looks on a background with the Yxy color 34.0534, 0.4608, 0.4177.



This preview shows how white text looks on a background with the Yxy color 34.0534, 0.4608, 0.4177.

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

34.0534, 0.4608, 0.4177

Protanopia

34.1388, 0.4098, 0.4474

Deuteranopia

33.9301, 0.4423, 0.4334



Tritanopia

34.1307, 0.3901, 0.3169

Trichromacy



Original Color

34.0534, 0.4608, 0.4177

Protanomaly

33.9160, 0.4275, 0.4363

Deuteranomaly

33.9907, 0.4486, 0.4276

Tritanomaly

33.8957, 0.4196, 0.3566

Monochromacy



Original Color

34.0534, 0.4608, 0.4177

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6772, 0.3659, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0534, 0.4608, 0.4177 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(210, 144, 67)` looks like.

```
.text, #text, p{  
    color:rgb(210, 144, 67)  
}
```

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(210, 144, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 144, 67) }
```

Border

The CSS property to change the border of an element to Yxy 34.0534, 0.4608, 0.4177 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(210, 144, 67) }
```

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

```
.border{ border-color:rgb(210, 144, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 144, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 144, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 144, 67);  
box-shadow:4px 4px 4px 4px rgb(210, 144,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0534, 0.4608, 0.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 144, 67) }
```

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

```
.background{ background-color: rgb(210,  
144, 67) }
```

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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