

Converting Colors

Yxy(30.3328, 0.4987, 0.4184)

Have a look what the booklet for
Yxy(30.3328, 0.4987, 0.4184)
contains.

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Color

Yxy(30.1568, 0.4986, 0.4179)

Conversions

Conversions Part 1

Format	Color
Hex	D68129
RGB	214, 129, 41
RGB Percent	84%, 51%, 16%
CMY	0.1608, 0.4941, 0.8391
CMYK	0.00, 0.40, 0.81, 0.16
HSL	31°, 68%, 50%
HSV	31°, 81%, 84%
XYZ	35.9803, 30.1568, 6.0256
YIQ	144.3830, 78.9080, -9.3480

Conversions

Conversions Part 2

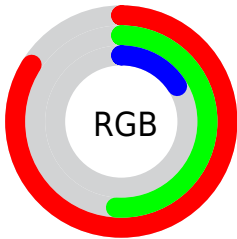
Format	Color
R _Y B	208, 214, 41
Decimal	14057769
CIE Lab	61.79, 26.40, 57.90
CIE LCh	62, 63.638, 65.491
Yxy	30.1568, 0.4986, 0.4179
Android (android.graphics.Color)	4292247849 (0xFFD68129)
YUV	144.3830, -50.9678, 61.0541
Hunter-Lab	54.9152, 20.8512, 31.9350

Details

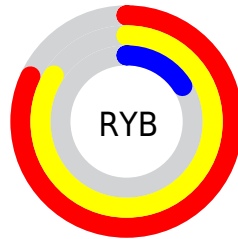
The Yxy color **30.1568, 0.4986, 0.4179** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **20.2526, 0.1914, 0.1889**, and the grayscale version is **28.2413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5240, 0.4488, 0.4154**, and **12.3643, 0.5339, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **27.4180, 0.5216, 0.4159**, and if you desaturate by 10%, it is **33.2649, 0.4726, 0.4146**.

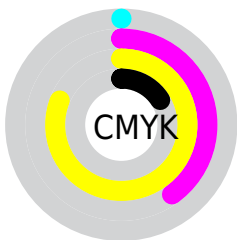
Distribution



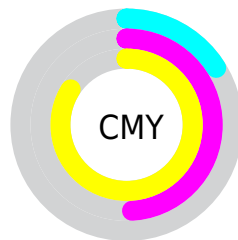
- Red (84%)
- Green (51%)
- Blue (16%)



- Red (82%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1568, 0.4986, 0.4179 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 30.1568, 0.4986, 0.4179 by changing the saturation by 10% instead.

 30.1568, 0.4986,
0.4179


 30.1568, 0.4986,
0.4179


302.6346, 0.4047,
0.3823


 19.9576, 0.5194,
0.4216

 59.9101, 0.4658,
0.4084

 12.3643, 0.5435,
0.4227


 80.2329, 0.4529,
0.4037

 6.9923, 0.5771,
0.4229


 104.6992, 0.4419,
0.3993

 3.4573, 0.5986,
0.4014

 133.6932, 0.4323,
0.3953

 1.3749, 0.6334,
0.3666

 167.5993, 0.4240,
0.3916

 0.1981, 0.8078,
0.1922

 206.8020, 0.4168,

 0.0000, 0.0000,

0.3882

0.0000

251.6857, 0.4104,
0.3851

■ 30.1568, 0.4986,
0.4179

■ 30.1568, 0.4986,
0.4179

■ 27.4180, 0.5216,
0.4159

■ 33.2649, 0.4726,
0.4146

■ 25.1992, 0.5396,
0.4098

■ 36.7574, 0.4455,
0.4070

■ 40.6534, 0.4186,
0.3961

■ 44.9688, 0.3932,
0.3834

■ 49.7187, 0.3698,
0.3698

■ 54.9170, 0.3488,
0.3561

■ 60.5768, 0.3303,
0.3427

■ 66.7109, 0.3140,
0.3300

■ 73.3311, 0.2997,
0.3182

Harmonies

Analogous

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



30.1568, 0.5084, 0.3476



30.1568, 0.4986, 0.4179



30.1568, 0.4368, 0.4855

Triad

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



30.1568, 0.4986, 0.4179



30.1568, 0.1843, 0.3635



30.1568, 0.2500, 0.1922

Complementary

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



30.1568, 0.4986, 0.4179



20.2526, 0.1914, 0.1889

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.



30.1568, 0.1831, 0.1825



30.1568, 0.4986, 0.4179



30.1568, 0.1498, 0.2608

Square

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



30.1568, 0.4986, 0.4179



30.1568, 0.2560, 0.4757



30.1568, 0.1505, 0.2025



30.1568, 0.3484, 0.2273

Rectangle

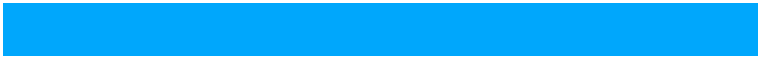
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.1568, 0.4986, 0.4179



30.1568, 0.3795, 0.5156



30.1568, 0.1505, 0.2025



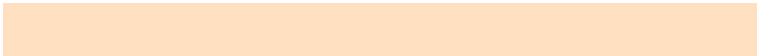
30.1568, 0.2238, 0.1860

Sweetspot

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



30.1584, 0.4986, 0.4179



78.9586, 0.3557, 0.3607



17.4288, 0.4515, 0.2430



16.3061, 0.3633, 0.3657



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.



30.1584, 0.4986, 0.4179



38.1799, 0.5355, 0.4111



62.5424, 0.4136, 0.4958



13.4546, 0.3278, 0.3409



15.4420, 0.5373, 0.4115



1.0969, 0.5116, 0.4320

Inverse Universe

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



20.2526, 0.1914, 0.1889



23.0182, 0.1773, 0.1569



6.9153, 0.1629, 0.0814



13.0062, 0.2982, 0.3168



9.2668, 0.1766, 0.1559



0.7244, 0.1854, 0.1876

Previews

White Background



This preview shows how the Yxy color 30.1568, 0.4986, 0.4179 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 30.1568, 0.4986, 0.4179 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 30.1568, 0.4986, 0.4179

Background



This preview shows how black text looks on a background with the Yxy color 30.1568, 0.4986, 0.4179.



This preview shows how white text looks on a background with the Yxy color 30.1568, 0.4986, 0.4179.

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

30.1568, 0.4986, 0.4179

Protanopia

30.3348, 0.4247, 0.4676

Deuteranopia

30.1647, 0.4603, 0.4518



Tritanopia

30.1651, 0.4208, 0.3196

Trichromacy



Original Color

30.1568, 0.4986, 0.4179

Protanomaly

29.8421, 0.4529, 0.4485

Deuteranomaly

29.9016, 0.4744, 0.4389

Tritanomaly

30.0301, 0.4570, 0.3613

Monochromacy



Original Color

30.1568, 0.4986, 0.4179

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.9618, 0.3816, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1568, 0.4986, 0.4179 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, 129, 41)` looks like.

```
.text, #text, p{  
    color:rgb(214, 129, 41)  
}
```

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, 129, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 129, 41) }
```

Border

The CSS property to change the border of an element to Yxy 30.1568, 0.4986, 0.4179 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, 129, 41) }
```

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

```
.border{ border-color:rgb(214, 129, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 129, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 129, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 129, 41);  
box-shadow:4px 4px 4px 4px rgb(214, 129,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1568, 0.4986, 0.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 129, 41) }
```

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

```
.background{ background-color: rgb(214,  
129, 41) }
```

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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