

Converting Colors

$Yxy(26.0183, 0.5202, 0.3986)$

Have a look what the booklet for
Yxy(26.0183, 0.5202, 0.3986)
contains.

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Color

Yxy(26.0446, 0.5195, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	D67029
RGB	214, 112, 41
RGB Percent	84%, 44%, 16%
CMY	0.1608, 0.5608, 0.8393
CMYK	0.00, 0.48, 0.81, 0.16
HSL	25°, 68%, 50%
HSV	25°, 81%, 84%
XYZ	33.9272, 26.0446, 5.3356
YIQ	134.4040, 83.5830, -0.4570

Conversions

Conversions Part 2

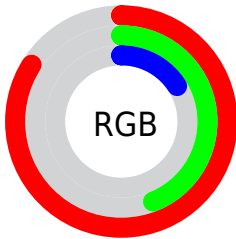
Format	Color
RYB	214, 161, 41
Decimal	14053417
CIELab	58.08, 35.38, 54.54
CIElCh	58, 65.004, 57.030
Yxy	26.0446, 0.5195, 0.3988
Android (android.graphics.Color)	4292243497 (0xFFD67029)
YUV	134.4040, -46.0482, 69.8057
Hunter-Lab	51.0339, 29.3570, 29.5249

Details

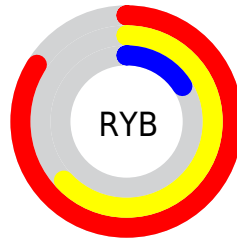
The Yxy color **26.0446, 0.5195, 0.3988** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **24.9692, 0.1988, 0.2170**, and the grayscale version is **24.1471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9430, 0.4636, 0.4007**, and **10.2176, 0.5657, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **23.3431, 0.5471, 0.3947**, and if you desaturate by 10%, it is **29.2202, 0.4885, 0.3977**.

Distribution



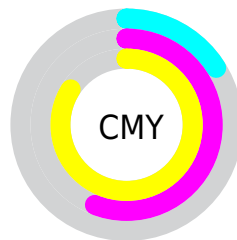
- Red (84%)
- Green (44%)
- Blue (16%)



- Red (84%)
- Yellow (63%)
- Blue (16%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)
- Black (16%)





- Cyan (16%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0446, 0.5195, 0.3988 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 26.0446, 0.5195, 0.3988 by changing the saturation by 10% instead.


 26.0446, 0.5195,
0.3988


 26.0446, 0.5195,
0.3988


283.0009, 0.4116,
0.3741


 16.8570, 0.5445,
0.3991


 53.3469, 0.4809,
0.3937

 10.1326, 0.5742,
0.3954


 72.2304, 0.4661,
0.3905


 5.4870, 0.6134,
0.3866


 95.1146, 0.4535,
0.3873

 2.5357, 0.6449,
0.3551

 122.3840, 0.4426,
0.3843

 0.8945, 0.6962,
0.3038

 154.4229, 0.4333,
0.3814

 0.0000, 1.0000,
0.0000

 191.6158, 0.4251,

 0.0000, 0.0000,

0.3788

0.0000

234.3470, 0.4180,
0.3764

■ 26.0446, 0.5195,
0.3988

■ 26.0446, 0.5195,
0.3988

■ 23.3431, 0.5471,
0.3947

■ 29.2202, 0.4885,
0.3977

■ 21.2497, 0.5683,
0.3869

■ 32.8925, 0.4567,
0.3922

■ 37.0868, 0.4260,
0.3837

■ 41.8254, 0.3976,
0.3733

■ 47.1288, 0.3722,
0.3622

■ 53.0165, 0.3499,
0.3510

■ 59.5069, 0.3306,
0.3401

■ 66.6175, 0.3140,
0.3298

■ 74.3651, 0.2998,
0.3203

Harmonies

Analogous

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



26.0446, 0.5118, 0.3266



26.0446, 0.5195, 0.3988



26.0446, 0.4648, 0.4739

Triad

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



26.0446, 0.5195, 0.3988



26.0446, 0.1934, 0.4023



26.0446, 0.2220, 0.1791

Complementary

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



26.0446, 0.5195, 0.3988



24.9692, 0.1988, 0.2170

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.



26.0446, 0.1628, 0.1768



26.0446, 0.5195, 0.3988



26.0446, 0.1467, 0.2814

Square

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



26.0446, 0.5195, 0.3988



26.0446, 0.2774, 0.5119



26.0446, 0.1383, 0.2069



26.0446, 0.3183, 0.2087

Rectangle

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



26.0446, 0.5195, 0.3988



26.0446, 0.4079, 0.5161



26.0446, 0.1383, 0.2069



26.0446, 0.1981, 0.1752

Sweetspot

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



26.0460, 0.5195, 0.3988



75.7669, 0.3571, 0.3548



17.9203, 0.4206, 0.2242



15.5442, 0.3652, 0.3588



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.



26.0460, 0.5195, 0.3988



32.2510, 0.5635, 0.3886



54.2553, 0.4276, 0.4830



13.2496, 0.3281, 0.3386



13.0370, 0.5657, 0.3890



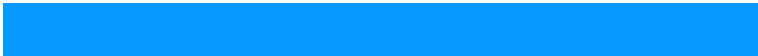
0.9471, 0.5346, 0.4137

Inverse Universe

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



24.9692, 0.1988, 0.2170



30.2083, 0.1866, 0.1903



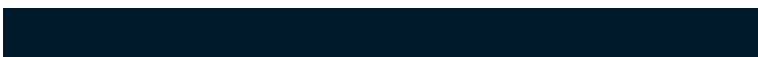
8.3821, 0.1668, 0.0959



13.2134, 0.2982, 0.3192



12.1888, 0.1860, 0.1895



0.8963, 0.1934, 0.2161

Previews

White Background



This preview shows how the Yxy color 26.0446, 0.5195, 0.3988 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0446, 0.5195, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

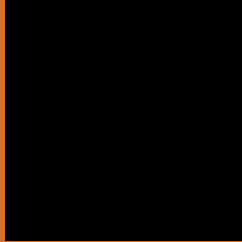
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0446, 0.5195, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 26.0446, 0.5195, 0.3988.



This preview shows how white text looks on a background with the Yxy color 26.0446, 0.5195, 0.3988.

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

26.0446, 0.5195, 0.3988

Protanopia

26.1377, 0.4212, 0.4623

Deuteranopia

26.1150, 0.4599, 0.4521



Tritanopia

26.0247, 0.4515, 0.3211

Trichromacy



Original Color

26.0446, 0.5195, 0.3988

Protanomaly

25.6197, 0.4588, 0.4383

Deuteranomaly

25.7418, 0.4835, 0.4309

Tritanomaly

25.9959, 0.4823, 0.3546

Monochromacy



Original Color

26.0446, 0.5195, 0.3988

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.6283, 0.3897, 0.3703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0446, 0.5195, 0.3988 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, 112, 41)` looks like.

```
.text, #text, p{  
    color:rgb(214, 112, 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, 112, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 112, 41) }
```

Border

The CSS property to change the border of an element to Yxy 26.0446, 0.5195, 0.3988 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, 112, 41) }
```

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

```
.border{ border-color:rgb(214, 112, 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, 112, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 112, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 112, 41);  
box-shadow:4px 4px 4px 4px rgb(214, 112,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0446, 0.5195, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 112, 41) }
```

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

```
.background{ background-color: rgb(214,  
112, 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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