

Converting Colors

$Y_{xy}(26.8171, 0.4886, 0.4256)$

Have a look what the booklet for
Yxy(26.8171, 0.4886, 0.4256)
contains.

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Color

Yxy(26.9320, 0.4881, 0.4263)

Conversions

Conversions Part 1

Format	Color
Hex	C57E26
RGB	197, 126, 38
RGB Percent	77%, 49%, 15%
CMY	0.2275, 0.5059, 0.8509
CMYK	0.00, 0.36, 0.81, 0.23
HSL	33°, 68%, 46%
HSV	33°, 81%, 77%
XYZ	30.8363, 26.9320, 5.4079
YIQ	137.1970, 70.5640, -12.3160

Conversions

Conversions Part 2

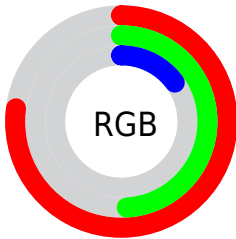
Format	Color
RYB	166, 197, 38
Decimal	12942886
CIELab	58.91, 20.67, 55.64
CIElCh	59, 59.357, 69.618
Yxy	26.9320, 0.4881, 0.4263
Android (android.graphics.Color)	4291132966 (0xFFC57E26)
YUV	137.1970, -48.9041, 52.4472
Hunter-Lab	51.8960, 15.2454, 30.1489

Details

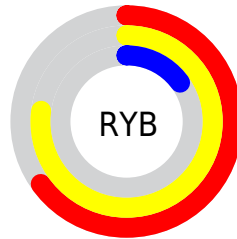
The Yxy color **26.9320, 0.4881, 0.4263** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **15.3817, 0.1886, 0.1775**, and the grayscale version is **25.2649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2384, 0.4538, 0.4157**, and **10.7110, 0.5208, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **24.6863, 0.5090, 0.4256**, and if you desaturate by 10%, it is **29.4456, 0.4644, 0.4218**.

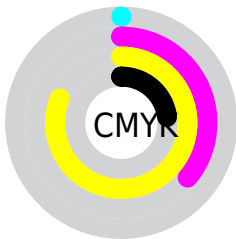
Distribution



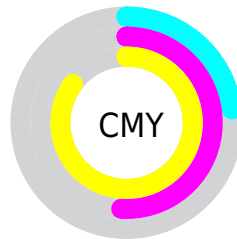
- Red (77%)
- Green (49%)
- Blue (15%)



- Red (65%)
- Yellow (77%)
- Blue (15%)



- Cyan (0%)
- Magenta (36%)
- Yellow (81%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9320, 0.4881, 0.4263 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 26.9320, 0.4881, 0.4263 by changing the saturation by 10% instead.

 26.9320, 0.4881,
0.4263

 26.9320, 0.4881,
0.4263


287.3277, 0.3980,
0.3843


 17.5222, 0.5084,
0.4319


 54.7747, 0.4563,
0.4141


 10.6075, 0.5319,
0.4353


 73.9764, 0.4439,
0.4084

 5.8036, 0.5631,
0.4369


 97.2108, 0.4334,
0.4033

 2.7260, 0.5831,
0.4169

 124.8624, 0.4243,
0.3987

 0.9904, 0.6171,
0.3829

 157.3154, 0.4164,
0.3945

 0.0000, 1.0000,
0.0000

 194.9544, 0.4095,

 0.0000, 0.0000,

0.3907

0.0000

238.1637, 0.4034,
0.3873

■ 26.9320, 0.4881,
0.4263

■ 26.9320, 0.4881,
0.4263

■ 24.6863, 0.5090,
0.4256

■ 29.4456, 0.4644,
0.4218

■ 22.8140, 0.5257,
0.4208

■ 32.2371, 0.4394,
0.4131

■ 35.3204, 0.4144,
0.4012

■ 38.7070, 0.3904,
0.3875

■ 42.4074, 0.3682,
0.3728

■ 46.4317, 0.3479,
0.3580

■ 50.7891, 0.3298,
0.3436

■ 55.4885, 0.3138,
0.3299

■ 60.5385, 0.2996,
0.3171

Harmonies

Analogous

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



26.9320, 0.5053, 0.3573



26.9320, 0.4881, 0.4263



26.9320, 0.4235, 0.4893

Triad

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



26.9320, 0.4881, 0.4263



26.9320, 0.1811, 0.3471



26.9320, 0.2636, 0.1989

Complementary

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



26.9320, 0.4881, 0.4263



15.3817, 0.1886, 0.1775

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.



26.9320, 0.1934, 0.1858



26.9320, 0.4881, 0.4263



26.9320, 0.1520, 0.2528

Square

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



26.9320, 0.4881, 0.4263



26.9320, 0.2467, 0.4578



26.9320, 0.1569, 0.2013



26.9320, 0.3619, 0.2363

Rectangle

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



26.9320, 0.4881, 0.4263



26.9320, 0.3663, 0.5128



26.9320, 0.1569, 0.2013



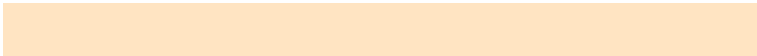
26.9320, 0.2364, 0.1916

Sweetspot

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



26.9334, 0.4881, 0.4263



80.4529, 0.3551, 0.3634



14.3732, 0.4660, 0.2527



16.6643, 0.3625, 0.3688



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.



26.9334, 0.4881, 0.4263



41.3908, 0.5226, 0.4214



50.8959, 0.4063, 0.5005



11.5939, 0.3276, 0.3418



15.1752, 0.5239, 0.4222



0.8615, 0.4964, 0.4441

Inverse Universe

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



15.3817, 0.1886, 0.1775



20.2494, 0.1734, 0.1425



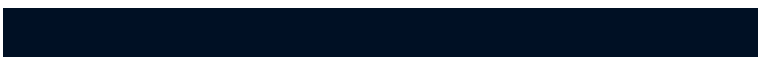
5.9983, 0.1670, 0.0842



11.0542, 0.2983, 0.3159



7.4000, 0.1728, 0.1420



0.4944, 0.1841, 0.1826

Previews

White Background



This preview shows how the Yxy color 26.9320, 0.4881, 0.4263 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 26.9320, 0.4881, 0.4263 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 26.9320, 0.4881, 0.4263

Background



This preview shows how black text looks on a background with the Yxy color 26.9320, 0.4881, 0.4263.



This preview shows how white text looks on a background with the Yxy color 26.9320, 0.4881, 0.4263.

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

26.9320, 0.4881, 0.4263

Protanopia

26.8841, 0.4251, 0.4686

Deuteranopia

27.0271, 0.4602, 0.4516



Tritanopia

27.0198, 0.4083, 0.3188

Trichromacy



Original Color

26.9320, 0.4881, 0.4263

Protanomaly

26.6527, 0.4486, 0.4522

Deuteranomaly

27.0630, 0.4709, 0.4425

Tritanomaly

26.7623, 0.4448, 0.3642

Monochromacy



Original Color

26.9320, 0.4881, 0.4263

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0856, 0.3796, 0.3803

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9320, 0.4881, 0.4263 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(197, 126, 38)` looks like.

```
.text, #text, p{  
    color:rgb(197, 126, 38)  
}
```

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(197, 126, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 126, 38) }
```

Border

The CSS property to change the border of an element to Yxy 26.9320, 0.4881, 0.4263 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(197, 126, 38) }
```

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

```
.border{ border-color:rgb(197, 126, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 126, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 126, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 126, 38);  
box-shadow:4px 4px 4px 4px rgb(197, 126,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9320, 0.4881, 0.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 126, 38) }
```

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

```
.background{ background-color: rgb(197,  
126, 38) }
```

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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