

Converting Colors

$Y_{xy}(26.2562, 0.4846, 0.4252)$

Have a look what the booklet for
Yxy(26.2562, 0.4846, 0.4252)
contains.

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Color

Yxy(26.2967, 0.4846, 0.4250)

Conversions

Conversions Part 1

Format	Color
Hex	C27D29
RGB	194, 125, 41
RGB Percent	76%, 49%, 16%
CMY	0.2392, 0.5098, 0.8392
CMYK	0.00, 0.36, 0.79, 0.24
HSL	33°, 65%, 46%
HSV	33°, 79%, 76%
XYZ	29.9844, 26.2967, 5.5935
YIQ	136.0550, 68.0880, -11.4960

Conversions

Conversions Part 2

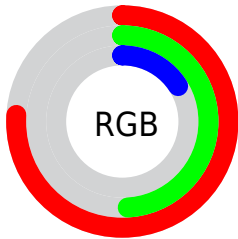
Format	Color
R _Y B	167, 194, 41
Decimal	12746025
CIE Lab	58.32, 20.04, 53.79
CIE LCh	58, 57.397, 69.566
Yxy	26.2967, 0.4846, 0.4250
Android (android.graphics.Color)	4290936105 (0xFFC27D29)
YUV	136.0550, -46.8621, 50.8178
Hunter-Lab	51.2803, 14.6313, 29.4291

Details

The Yxy color **26.2967, 0.4846, 0.4250** 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 **15.5228, 0.1911, 0.1827**, and the grayscale version is **24.8031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8911, 0.4526, 0.4124**, and **10.3198, 0.5191, 0.4260** is the 20% darker color. If you saturate the color by 10%, you get **24.0754, 0.5063, 0.4252**, and if you desaturate by 10%, it is **28.7826, 0.4604, 0.4197**.

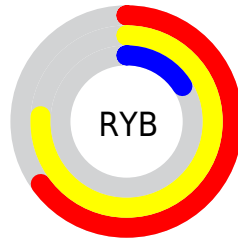
Distribution



Red (76%)

Green (49%)

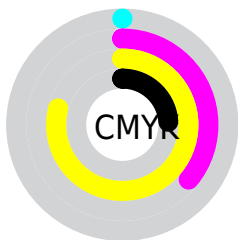
Blue (16%)



Red (65%)

Yellow (76%)

Blue (16%)

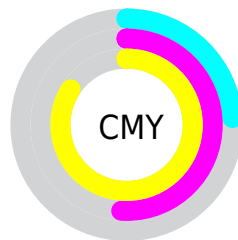


Cyan (0%)

Magenta (36%)

Yellow (79%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2967, 0.4846, 0.4250 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 26.2967, 0.4846, 0.4250 by changing the saturation by 10% instead.


 26.2967, 0.4846,
0.4250


 26.2967, 0.4846,
0.4250


284.2355, 0.3956,
0.3828


 17.0457, 0.5050,
0.4309


 53.7532, 0.4529,
0.4125


 10.2671, 0.5288,
0.4349


 72.7275, 0.4407,
0.4068

 5.5764, 0.5618,
0.4382

 95.7118, 0.4302,
0.4016

 2.5893, 0.5818,
0.4182

 123.0903, 0.4213,
0.3970

 0.9213, 0.6163,
0.3837

 155.2476, 0.4135,
0.3929

 0.0000, 1.0000,
0.0000

 192.5680, 0.4068,

 0.0000, 0.0000,

0.3892

0.0000

235.4358, 0.4008,
0.3858

■ 26.2967, 0.4846,
0.4250

■ 26.2967, 0.4846,
0.4250

■ 24.0754, 0.5063,
0.4252

■ 28.7826, 0.4604,
0.4197

■ 22.0952, 0.5248,
0.4205

■ 31.5426, 0.4351,
0.4104

■ 21.8832, 0.5268,
0.4199

■ 34.5900, 0.4101,
0.3982

■ 37.9359, 0.3863,
0.3843

■ 41.5904, 0.3643,
0.3697

■ 45.5631, 0.3444,
0.3551

■ 49.8630, 0.3267,
0.3409

■ 54.4989, 0.3110,
0.3275

■ 59.4789, 0.2972,
0.3150

Harmonies

Analogous

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



26.2967, 0.5007, 0.3573



26.2967, 0.4846, 0.4250



26.2967, 0.4219, 0.4860

Triad

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



26.2967, 0.4846, 0.4250



26.2967, 0.1841, 0.3471



26.2967, 0.2647, 0.2014

Complementary

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



26.2967, 0.4846, 0.4250



15.5228, 0.1911, 0.1827

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.



26.2967, 0.1958, 0.1887



26.2967, 0.4846, 0.4250



26.2967, 0.1552, 0.2551

Square

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



26.2967, 0.4846, 0.4250



26.2967, 0.2488, 0.4543



26.2967, 0.1598, 0.2041



26.2967, 0.3607, 0.2382

Rectangle

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



26.2967, 0.4846, 0.4250



26.2967, 0.3659, 0.5082



26.2967, 0.1598, 0.2041



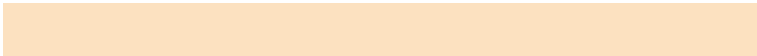
26.2967, 0.2381, 0.1943

Sweetspot

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



26.2981, 0.4846, 0.4250



78.4957, 0.3551, 0.3631



14.2361, 0.4556, 0.2495



16.6279, 0.3625, 0.3685



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.



26.2981, 0.4846, 0.4250



40.8383, 0.5205, 0.4218



49.5565, 0.4077, 0.4969



10.9738, 0.3276, 0.3416



14.5514, 0.5250, 0.4213



0.7649, 0.4953, 0.4449

Inverse Universe

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



15.5228, 0.1911, 0.1827



20.7646, 0.1751, 0.1477



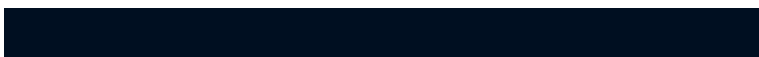
6.0651, 0.1682, 0.0875



10.4794, 0.2984, 0.3160



7.2553, 0.1733, 0.1437



0.4509, 0.1853, 0.1870

Previews

White Background



This preview shows how the Yxy color 26.2967, 0.4846, 0.4250 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 26.2967, 0.4846, 0.4250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

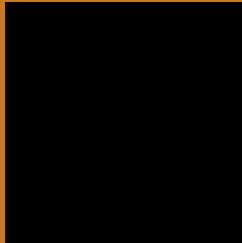
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2967, 0.4846, 0.4250

Background



This preview shows how black text looks on a background with the Yxy color 26.2967, 0.4846, 0.4250.



This preview shows how white text looks on a background with the Yxy color 26.2967, 0.4846, 0.4250.

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

26.2967, 0.4846, 0.4250

Protanopia

26.4073, 0.4221, 0.4663

Deuteranopia

26.2621, 0.4584, 0.4480



Tritanopia

26.3711, 0.4053, 0.3173

Trichromacy



Original Color

26.2967, 0.4846, 0.4250

Protanomaly

26.0558, 0.4445, 0.4507

Deuteranomaly

26.1790, 0.4681, 0.4395

Tritanomaly

26.1295, 0.4410, 0.3623

Monochromacy



Original Color

26.2967, 0.4846, 0.4250

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6102, 0.3777, 0.3793

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2967, 0.4846, 0.4250 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(194, 125, 41)` looks like.

```
.text, #text, p{  
    color:rgb(194, 125, 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(194, 125, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 125, 41) }
```

Border

The CSS property to change the border of an element to Yxy 26.2967, 0.4846, 0.4250 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(194, 125, 41) }
```

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

```
.border{ border-color:rgb(194, 125, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 125, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 125, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 125, 41);  
box-shadow:4px 4px 4px 4px rgb(194, 125,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2967, 0.4846, 0.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 125, 41) }
```

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

```
.background{ background-color: rgb(194,  
125, 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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