

Converting Colors

$Y_{xy}(26.2348, 0.4789, 0.4242)$

Have a look what the booklet for
Yxy(26.2348, 0.4789, 0.4242)
contains.

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Color

Yxy(26.3176, 0.4787, 0.4246)

Conversions

Conversions Part 1

Format	Color
Hex	C07E2D
RGB	192, 126, 45
RGB Percent	75%, 49%, 18%
CMY	0.2471, 0.5058, 0.8237
CMYK	0.00, 0.34, 0.77, 0.25
HSL	33°, 62%, 46%
HSV	33°, 77%, 75%
XYZ	29.6708, 26.3176, 5.9937
YIQ	136.5000, 65.3370, -11.1990

Conversions

Conversions Part 2

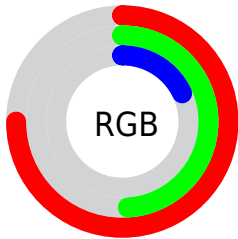
Format	Color
RYB	165, 192, 45
Decimal	12615213
CIELab	58.34, 18.76, 52.09
CIELCh	58, 55.364, 70.189
Yxy	26.3176, 0.4787, 0.4246
Android (android.graphics.Color)	4290805293 (0xFFC07E2D)
YUV	136.5000, -45.1095, 48.6735
Hunter-Lab	51.3007, 13.4630, 28.9834

Details

The Yxy color **26.3176, 0.4787, 0.4246** 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 **15.7175, 0.1936, 0.1870**, and the grayscale version is **24.9716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9674, 0.4481, 0.4117**, and **10.2943, 0.5145, 0.4297** is the 20% darker color. If you saturate the color by 10%, you get **24.0937, 0.5010, 0.4261**, and if you desaturate by 10%, it is **28.8011, 0.4542, 0.4182**.

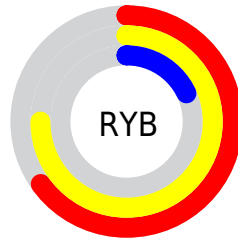
Distribution



Red (75%)

Green (49%)

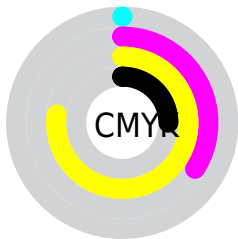
Blue (18%)



Red (65%)

Yellow (75%)

Blue (18%)

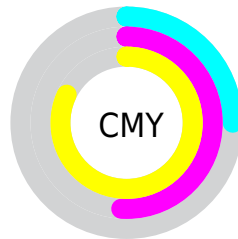


Cyan (0%)

Magenta (34%)

Yellow (77%)

Black (25%)



Cyan (25%)


Magenta (51%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3176, 0.4787, 0.4246 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 26.3176, 0.4787, 0.4246 by changing the saturation by 10% instead.


 26.3176, 0.4787,
0.4246


 26.3176, 0.4787,
0.4246


284.3377, 0.3924,
0.3817


 17.0614, 0.4988,
0.4312


 53.7869, 0.4478,
0.4115


 10.2783, 0.5223,
0.4361


 72.7687, 0.4359,
0.4057


 5.5838, 0.5573,
0.4427

 95.7612, 0.4258,
0.4005

 2.5937, 0.5762,
0.4238

 123.1488, 0.4172,
0.3958

 0.9235, 0.6089,
0.3911

 155.3159, 0.4097,
0.3917

 0.0000, 1.0000,
0.0000

 192.6468, 0.4032,

 0.0000, 0.0000,

0.3880

0.0000

235.5259, 0.3974,
0.3847

■ 26.3176, 0.4787,
0.4246

■ 26.3176, 0.4787,
0.4246

■ 24.0937, 0.5010,
0.4261

■ 28.8011, 0.4542,
0.4182

■ 22.1101, 0.5199,
0.4224

■ 31.5530, 0.4290,
0.4081

■ 21.4801, 0.5261,
0.4205

■ 34.5859, 0.4043,
0.3954

■ 37.9103, 0.3810,
0.3812

■ 41.5359, 0.3595,
0.3665

■ 45.4719, 0.3402,
0.3519

■ 49.7269, 0.3230,
0.3378

■ 54.3092, 0.3077,
0.3246

■ 59.2267, 0.2944,
0.3122

Harmonies

Analogous

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



26.3176, 0.4947, 0.3588



26.3176, 0.4787, 0.4246



26.3176, 0.4178, 0.4824

Triad

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



26.3176, 0.4787, 0.4246



26.3176, 0.1873, 0.3447



26.3176, 0.2682, 0.2055

Complementary

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



26.3176, 0.4787, 0.4246



15.7175, 0.1936, 0.1870

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.



26.3176, 0.2004, 0.1926



26.3176, 0.4787, 0.4246



26.3176, 0.1595, 0.2565

Square

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



26.3176, 0.4787, 0.4246



26.3176, 0.2497, 0.4473



26.3176, 0.1645, 0.2074



26.3176, 0.3613, 0.2419

Rectangle

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



26.3176, 0.4787, 0.4246



26.3176, 0.3634, 0.5021



26.3176, 0.1645, 0.2074



26.3176, 0.2421, 0.1984

Sweetspot

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



26.3189, 0.4787, 0.4246



77.4991, 0.3531, 0.3618



14.2292, 0.4542, 0.2530



16.0845, 0.3604, 0.3671



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3189, 0.4787, 0.4246



41.1395, 0.5144, 0.4240



48.1552, 0.4041, 0.4959



10.9777, 0.3275, 0.3417



14.6123, 0.5244, 0.4218



0.7674, 0.4949, 0.4453

Inverse Universe

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



15.7175, 0.1936, 0.1870



21.2507, 0.1771, 0.1528



6.4169, 0.1728, 0.0933



10.4756, 0.2984, 0.3160



7.2074, 0.1731, 0.1429



0.4488, 0.1851, 0.1864

Previews

White Background



This preview shows how the Yxy color 26.3176, 0.4787, 0.4246 looks on a white background.

Color Contrast Check

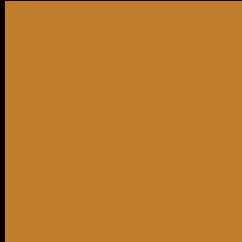
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3176, 0.4787, 0.4246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

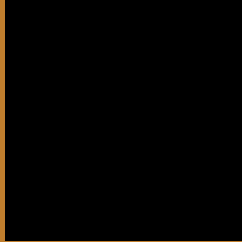
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3176, 0.4787, 0.4246

Background



This preview shows how black text looks on a background with the Yxy color 26.3176, 0.4787, 0.4246.



This preview shows how white text looks on a background with the Yxy color 26.3176, 0.4787, 0.4246.

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

26.3176, 0.4787, 0.4246

Protanopia

26.4396, 0.4195, 0.4625

Deuteranopia

26.4475, 0.4537, 0.4469



Tritanopia

26.3595, 0.4011, 0.3172

Trichromacy



Original Color

26.3176, 0.4787, 0.4246

Protanomaly

26.3678, 0.4407, 0.4484

Deuteranomaly

26.3521, 0.4633, 0.4385

Tritanomaly

26.1399, 0.4355, 0.3614

Monochromacy



Original Color

26.3176, 0.4787, 0.4246

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5497, 0.3741, 0.3763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3176, 0.4787, 0.4246 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(192, 126, 45)` looks like.

```
.text, #text, p{  
    color:rgb(192, 126, 45)  
}
```

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(192, 126, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 126, 45) }
```

Border

The CSS property to change the border of an element to Yxy 26.3176, 0.4787, 0.4246 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(192, 126, 45) }
```

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

```
.border{ border-color:rgb(192, 126, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 126, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 126, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 126, 45);  
box-shadow:4px 4px 4px 4px rgb(192, 126,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3176, 0.4787, 0.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 126, 45) }
```

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

```
.background{ background-color: rgb(192,  
126, 45) }
```

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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