

Converting Colors

$Y_{xy}(26.7124, 0.4511, 0.3945)$

Have a look what the booklet for
Yxy(26.7124, 0.4511, 0.3945)
contains.

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Color

Yxy(26.6500, 0.4517, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	C07E4C
RGB	192, 126, 76
RGB Percent	75%, 49%, 30%
CMY	0.2472, 0.5058, 0.7020
CMYK	0.00, 0.34, 0.60, 0.25
HSL	26°, 48%, 53%
HSV	26°, 60%, 75%
XYZ	30.4986, 26.6500, 10.3710
YIQ	140.0340, 55.3860, -1.5580

Conversions

Conversions Part 2

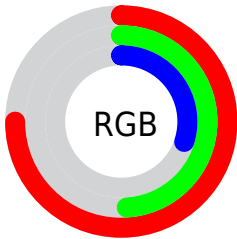
Format	Color
RYB	192, 164, 76
Decimal	12615244
CIELab	58.65, 20.55, 37.37
CIElCh	59, 42.643, 61.197
Yxy	26.6500, 0.4517, 0.3947
Android (android.graphics.Color)	4290805324 (0xFFC07E4C)
YUV	140.0340, -31.5688, 45.5742
Hunter-Lab	51.6236, 15.1143, 24.2254

Details

The Yxy color **26.6500, 0.4517, 0.3947** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **24.6693, 0.2209, 0.2460**, and the grayscale version is **26.3487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2558, 0.4232, 0.3848**, and **10.5474, 0.4961, 0.4067** is the 20% darker color. If you saturate the color by 10%, you get **23.7813, 0.4823, 0.4009**, and if you desaturate by 10%, it is **29.9057, 0.4221, 0.3856**.

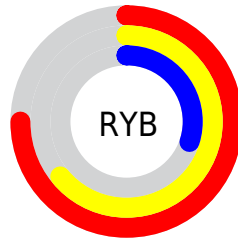
Distribution



Red (75%)

Green (49%)

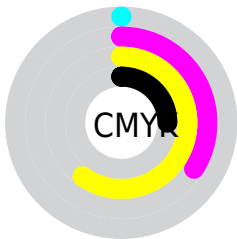
Blue (30%)



Red (75%)

Yellow (64%)

Blue (30%)

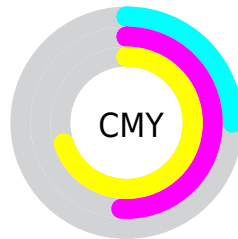


Cyan (0%)

Magenta (34%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6500, 0.4517, 0.3947 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 26.6500, 0.4517, 0.3947 by changing the saturation by 10% instead.


 26.6500, 0.4517,
0.3947


 26.6500, 0.4517,
0.3947


285.9585, 0.3767,
0.3638

 17.3105, 0.4713,
0.4006


 54.3217, 0.4235,
0.3845

 10.4561, 0.4964,
0.4064


 73.4228, 0.4132,
0.3804


 5.7024, 0.5290,
0.4105

 96.5465, 0.4046,
0.3767

 2.6650, 0.5832,
0.4168

 124.0772, 0.3973,
0.3735

 0.9594, 0.6176,
0.3824

 156.3994, 0.3910,
0.3706

 0.0000, 1.0000,
0.0000

193.8974, 0.3856,

 0.0000, 0.0000,

0.3681

0.0000

236.9556, 0.3809,
0.3659

■ 26.6500, 0.4517,
0.3947

■ 26.6500, 0.4517,
0.3947

■ 23.7813, 0.4823,
0.4009

■ 29.9057, 0.4221,
0.3856

■ 21.2786, 0.5122,
0.4030

■ 33.5602, 0.3948,
0.3747

■ 19.1243, 0.5391,
0.3999

■ 37.6294, 0.3702,
0.3631

■ 17.3608, 0.5611,
0.3926

■ 42.1271, 0.3485,
0.3514

■ 47.0666, 0.3297,
0.3401

■ 52.4602, 0.3133,
0.3294

■ 58.3199, 0.2993,
0.3195

■ 64.6572, 0.2872,
0.3103

■ 71.4831, 0.2767,
0.3019

Harmonies

Analogous

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



26.6500, 0.4476, 0.3412



26.6500, 0.4517, 0.3947



26.6500, 0.4156, 0.4409

Triad

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



26.6500, 0.4517, 0.3947



26.6500, 0.2271, 0.3660



26.6500, 0.2600, 0.2241

Complementary

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



26.6500, 0.4517, 0.3947



24.6693, 0.2209, 0.2460

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.



26.6500, 0.2117, 0.2209



26.6500, 0.4517, 0.3947



26.6500, 0.1941, 0.2929

Square

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



26.6500, 0.4517, 0.3947



26.6500, 0.2850, 0.4343



26.6500, 0.1893, 0.2428



26.6500, 0.3288, 0.2488

Rectangle

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



26.6500, 0.4517, 0.3947



26.6500, 0.3763, 0.4588



26.6500, 0.1893, 0.2428



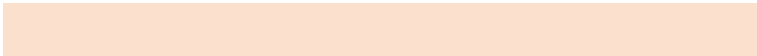
26.6500, 0.2412, 0.2205

Sweetspot

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



26.6513, 0.4517, 0.3947



78.1936, 0.3443, 0.3490



18.3729, 0.3861, 0.2419



16.2333, 0.3502, 0.3524



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.



26.6513, 0.4517, 0.3947



41.3250, 0.4937, 0.4023



45.3077, 0.4039, 0.4594



10.7765, 0.3278, 0.3390



11.8337, 0.5590, 0.3944



0.6480, 0.5203, 0.4251

Inverse Universe

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



24.6693, 0.2209, 0.2460



37.3106, 0.2044, 0.2231



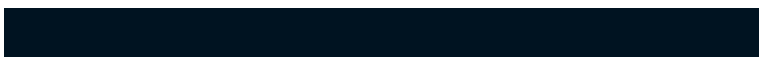
11.9406, 0.1997, 0.1510



10.6772, 0.2984, 0.3188



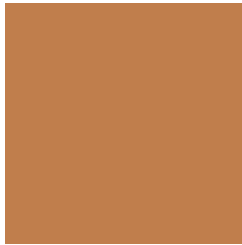
10.1034, 0.1841, 0.1829



0.5713, 0.1941, 0.2188

Previews

White Background



This preview shows how the Yxy color 26.6500, 0.4517, 0.3947 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 26.6500, 0.4517, 0.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

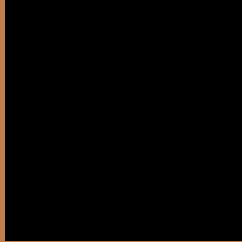
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6500, 0.4517, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 26.6500, 0.4517, 0.3947.



This preview shows how white text looks on a background with the Yxy color 26.6500, 0.4517, 0.3947.

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

26.6500, 0.4517, 0.3947

Protanopia

26.9086, 0.3901, 0.4254

Deuteranopia

26.8210, 0.4248, 0.4165



Tritanopia

26.7537, 0.3964, 0.3171

Trichromacy



Original Color

26.6500, 0.4517, 0.3947

Protanomaly

26.4977, 0.4120, 0.4141

Deuteranomaly

26.8343, 0.4347, 0.4082

Tritanomaly

26.6470, 0.4186, 0.3455

Monochromacy



Original Color

26.6500, 0.4517, 0.3947

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9832, 0.3604, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6500, 0.4517, 0.3947 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(192, 126, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 126, 76) }
```

Border

The CSS property to change the border of an element to Yxy 26.6500, 0.4517, 0.3947 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, 76) }
```

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

```
.border{ border-color:rgb(192, 126, 76) }
```

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, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 126, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 126, 76);  
box-shadow:4px 4px 4px 4px rgb(192, 126,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6500, 0.4517, 0.3947 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, 76) }
```

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

```
.background{ background-color: rgb(192,  
126, 76) }
```

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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