

Converting Colors

$Y_{xy}(25.6349, 0.4524, 0.3915)$

Have a look what the booklet for
Yxy(25.6349, 0.4524, 0.3915)
contains.

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Color

Yxy(25.6349, 0.4524, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	BE7B4C
RGB	190, 123, 76
RGB Percent	75%, 48%, 30%
CMY	0.2549, 0.5176, 0.7020
CMYK	0.00, 0.35, 0.60, 0.25
HSL	25°, 47%, 52%
HSV	25°, 60%, 75%
XYZ	29.6226, 25.6349, 10.2212
YIQ	137.6750, 55.0190, -0.4130

Conversions

Conversions Part 2

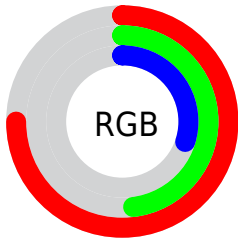
Format	Color
R_{YB}	190, 156, 76
Decimal	12483404
CIE _{Lab}	57.69, 21.37, 36.15
CIE _{LCh}	58, 42.000, 59.408
Yxy	25.6349, 0.4524, 0.3915
Android (android.graphics.Color)	4290673484 (0xFFBE7B4C)
YUV	137.6750, -30.4058, 45.8890
Hunter-Lab	50.6309, 15.8306, 23.4724

Details

The Yxy color **25.6349, 0.4524, 0.3915** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **24.8928, 0.2224, 0.2506**, and the grayscale version is **25.3879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6968, 0.4232, 0.3822**, and **9.9728, 0.4987, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **22.7959, 0.4839, 0.3975**, and if you desaturate by 10%, it is **28.8705, 0.4222, 0.3827**.

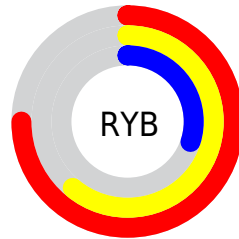
Distribution



Red (75%)

Green (48%)

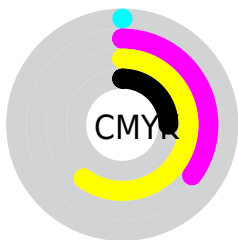
Blue (30%)



Red (75%)

Yellow (61%)

Blue (30%)

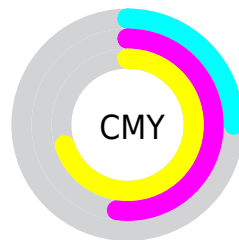


Cyan (0%)

Magenta (35%)

Yellow (60%)

Black (25%)



Cyan (25%)


Magenta (52%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6349, 0.4524, 0.3915 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 25.6349, 0.4524, 0.3915 by changing the saturation by 10% instead.


 25.6349, 0.4524,
0.3915


 25.6349, 0.4524,
0.3915


280.9852, 0.3765,
0.3622


 16.5507, 0.4725,
0.3970


 52.6854, 0.4237,
0.3819

 9.9147, 0.4985,
0.4024


 71.4204, 0.4132,
0.3779

 5.3424, 0.5326,
0.4059

 94.1412, 0.4045,
0.3744

 2.4495, 0.5893,
0.4107

 121.2322, 0.3971,
0.3713

 0.8512, 0.6271,
0.3729

 153.0776, 0.3908,
0.3686

 0.0000, 1.0000,
0.0000

190.0620, 0.3854,

 0.0000, 0.0000,

0.3662

0.0000

232.5698, 0.3806,
0.3641

■ 25.6349, 0.4524,
0.3915

■ 25.6349, 0.4524,
0.3915

■ 22.7959, 0.4839,
0.3975

■ 28.8705, 0.4222,
0.3827

■ 20.3318, 0.5147,
0.3993

■ 32.5150, 0.3944,
0.3723

■ 18.2246, 0.5427,
0.3961

■ 36.5851, 0.3696,
0.3612

■ 16.4469, 0.5665,
0.3884

■ 41.0949, 0.3478,
0.3500

■ 46.0582, 0.3290,
0.3392

■ 51.4879, 0.3127,
0.3290

■ 57.3964, 0.2988,
0.3195

■ 63.7956, 0.2868,
0.3108

■ 70.6970, 0.2764,
0.3028

Harmonies

Analogous

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



25.6349, 0.4456, 0.3380



25.6349, 0.4524, 0.3915



25.6349, 0.4184, 0.4384

Triad

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



25.6349, 0.4524, 0.3915



25.6349, 0.2301, 0.3705



25.6349, 0.2566, 0.2235

Complementary

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



25.6349, 0.4524, 0.3915



24.8928, 0.2224, 0.2506

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.



25.6349, 0.2098, 0.2217



25.6349, 0.4524, 0.3915



25.6349, 0.1955, 0.2969

Square

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



25.6349, 0.4524, 0.3915



25.6349, 0.2891, 0.4371



25.6349, 0.1891, 0.2451



25.6349, 0.3243, 0.2470

Rectangle

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



25.6349, 0.4524, 0.3915



25.6349, 0.3800, 0.4576



25.6349, 0.1891, 0.2451



25.6349, 0.2382, 0.2203

Sweetspot

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



25.6362, 0.4524, 0.3915



75.9538, 0.3444, 0.3481



18.1398, 0.3823, 0.2401



16.1220, 0.3504, 0.3514



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.



25.6362, 0.4524, 0.3915



39.8267, 0.4938, 0.3986



43.5489, 0.4047, 0.4568



10.1653, 0.3278, 0.3385



11.0829, 0.5642, 0.3902



0.5634, 0.5213, 0.4243

Inverse Universe

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



24.8928, 0.2224, 0.2506



38.2469, 0.2068, 0.2297



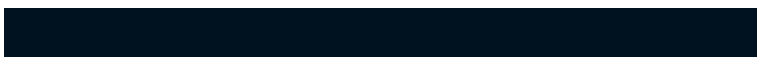
12.1328, 0.2013, 0.1554



10.1318, 0.2984, 0.3193



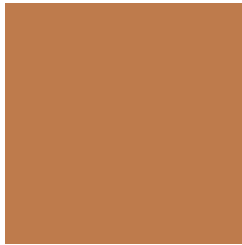
10.2831, 0.1860, 0.1897



0.5288, 0.1963, 0.2266

Previews

White Background



This preview shows how the Yxy color 25.6349, 0.4524, 0.3915 looks on a white background.

Color Contrast Check

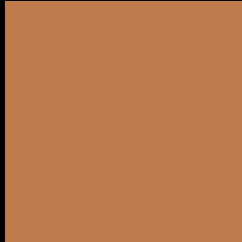
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6349, 0.4524, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

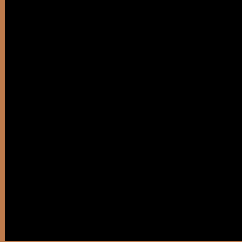
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6349, 0.4524, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 25.6349, 0.4524, 0.3915.



This preview shows how white text looks on a background with the Yxy color 25.6349, 0.4524, 0.3915.

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

25.6349, 0.4524, 0.3915

Protanopia

25.7498, 0.3876, 0.4210

Deuteranopia

25.5430, 0.4228, 0.4144



Tritanopia

25.6983, 0.3994, 0.3170

Trichromacy



Original Color

25.6349, 0.4524, 0.3915

Protanomaly

25.4612, 0.4111, 0.4095

Deuteranomaly

25.5556, 0.4328, 0.4059

Tritanomaly

25.6138, 0.4207, 0.3443

Monochromacy



Original Color

25.6349, 0.4524, 0.3915

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.1810, 0.3611, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6349, 0.4524, 0.3915 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(190, 123, 76)` looks like.

```
.text, #text, p{  
    color:rgb(190, 123, 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(190, 123, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 123, 76) }
```

Border

The CSS property to change the border of an element to Yxy 25.6349, 0.4524, 0.3915 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(190, 123, 76) }
```

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

```
.border{ border-color:rgb(190, 123, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 123, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 123, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 123, 76);  
box-shadow:4px 4px 4px 4px rgb(190, 123,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6349, 0.4524, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 123, 76) }
```

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

```
.background{ background-color: rgb(190,  
123, 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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