

Converting Colors

$Y_{xy}(26.6490, 0.4513, 0.4173)$

Have a look what the booklet for
Yxy(26.6490, 0.4513, 0.4173)
contains.

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Color

Yxy(26.6384, 0.4524, 0.4172)

Conversions

Conversions Part 1

Format	Color
Hex	B9823F
RGB	185, 130, 63
RGB Percent	73%, 51%, 25%
CMY	0.2746, 0.4902, 0.7528
CMYK	0.00, 0.30, 0.66, 0.27
HSL	33°, 49%, 49%
HSV	33°, 66%, 73%
XYZ	28.8859, 26.6384, 8.3261
YIQ	138.8070, 54.2870, -9.1770

Conversions

Conversions Part 2

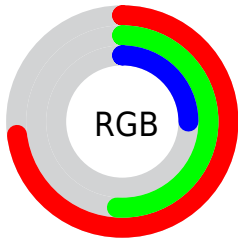
Format	Color
R _Y B	163, 185, 63
Decimal	12157503
CIE Lab	58.64, 14.45, 43.80
CIE LCh	59, 46.118, 71.741
Yxy	26.6384, 0.4524, 0.4172
Android (android.graphics.Color)	4290347583 (0xFFB9823F)
YUV	138.8070, -37.3729, 40.5113
Hunter-Lab	51.6124, 9.5795, 26.5640

Details

The Yxy color **26.6384, 0.4524, 0.4172** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.5190, 0.2079, 0.2106**, and the grayscale version is **25.8731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2923, 0.4251, 0.4034**, and **10.5006, 0.4930, 0.4347** is the 20% darker color. If you saturate the color by 10%, you get **24.3368, 0.4770, 0.4239**, and if you desaturate by 10%, it is **29.1920, 0.4272, 0.4069**.

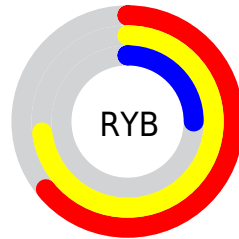
Distribution



Red (73%)

Green (51%)

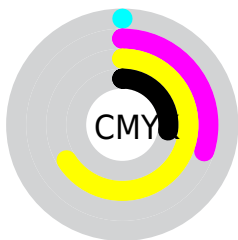
Blue (25%)



Red (64%)

Yellow (73%)

Blue (25%)

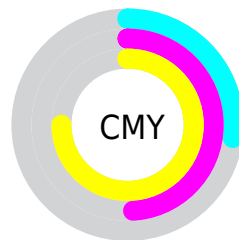


Cyan (0%)

Magenta (30%)

Yellow (66%)

Black (27%)



Cyan (27%)

Magenta (49%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6384, 0.4524, 0.4172 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 26.6384, 0.4524, 0.4172 by changing the saturation by 10% instead.


 26.6384, 0.4524,
0.4172

 26.6384, 0.4524,
0.4172


285.9020, 0.3784,
0.3748


 17.3018, 0.4708,
0.4256


 54.3031, 0.4252,
0.4030


 10.4499, 0.4934,
0.4342


 73.4000, 0.4150,
0.3972


 5.6983, 0.5250,
0.4445

 96.5191, 0.4064,
0.3922

 2.6625, 0.5563,
0.4437

 124.0448, 0.3991,
0.3878

 0.9582, 0.5822,
0.4178

 156.3616, 0.3928,
0.3839

 0.0000, 1.0000,
0.0000

 193.8538, 0.3874,

 0.0000, 0.0000,

0.3805

0.0000

236.9058, 0.3826,
0.3775

■ 26.6384, 0.4524,
0.4172

■ 26.6384, 0.4524,
0.4172

■ 24.3368, 0.4770,
0.4239

■ 29.1920, 0.4272,
0.4069

■ 22.2717, 0.4996,
0.4258

■ 32.0039, 0.4025,
0.3941

■ 20.4307, 0.5189,
0.4224

■ 35.0851, 0.3794,
0.3799

■ 19.7361, 0.5263,
0.4203

■ 38.4443, 0.3581,
0.3653

■ 42.0901, 0.3389,
0.3508

■ 46.0303, 0.3219,
0.3369

■ 50.2725, 0.3068,
0.3238

■ 54.8240, 0.2936,
0.3115

■ 59.6916, 0.2820,
0.3002

Harmonies

Analogous

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



26.6384, 0.4655, 0.3610



26.6384, 0.4524, 0.4172



26.6384, 0.4012, 0.4614

Triad

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



26.6384, 0.4524, 0.4172



26.6384, 0.2048, 0.3391



26.6384, 0.2798, 0.2239

Complementary

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



26.6384, 0.4524, 0.4172



17.5190, 0.2079, 0.2106

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.



26.6384, 0.2195, 0.2119



26.6384, 0.4524, 0.4172



26.6384, 0.1807, 0.2670

Square

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



26.6384, 0.4524, 0.4172



26.6384, 0.2581, 0.4212



26.6384, 0.1861, 0.2247



26.6384, 0.3581, 0.2569

Rectangle

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



26.6384, 0.4524, 0.4172



26.6384, 0.3548, 0.4723



26.6384, 0.1861, 0.2247



26.6384, 0.2569, 0.2174

Sweetspot

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



26.6397, 0.4524, 0.4172



72.4567, 0.3471, 0.3571



15.2259, 0.4212, 0.2548



15.2302, 0.3525, 0.3612



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.6397, 0.4524, 0.4172



41.9279, 0.4872, 0.4254



44.8664, 0.3985, 0.4796



9.8077, 0.3274, 0.3416



13.5877, 0.5246, 0.4217



0.6008, 0.4906, 0.4487

Inverse Universe

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



17.5190, 0.2079, 0.2106



24.4847, 0.1898, 0.1803



8.2574, 0.1893, 0.1216



9.3683, 0.2985, 0.3161



6.7807, 0.1734, 0.1440



0.3629, 0.1874, 0.1945

Previews

White Background



This preview shows how the Yxy color 26.6384, 0.4524, 0.4172 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 26.6384, 0.4524, 0.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

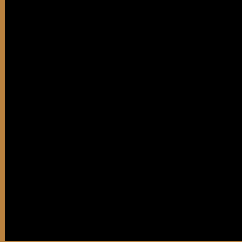
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6384, 0.4524, 0.4172

Background



This preview shows how black text looks on a background with the Yxy color 26.6384, 0.4524, 0.4172.



This preview shows how white text looks on a background with the Yxy color 26.6384, 0.4524, 0.4172.

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

26.6384, 0.4524, 0.4172

Protanopia

26.9193, 0.4050, 0.4433

Deuteranopia

26.7897, 0.4368, 0.4300



Tritanopia

26.5322, 0.3846, 0.3153

Trichromacy



Original Color

26.6384, 0.4524, 0.4172

Protanomaly

26.7858, 0.4212, 0.4338

Deuteranomaly

26.7066, 0.4434, 0.4253

Tritanomaly

26.4201, 0.4122, 0.3545

Monochromacy



Original Color

26.6384, 0.4524, 0.4172

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8239, 0.3632, 0.3695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6384, 0.4524, 0.4172 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(185, 130, 63)` looks like.

```
.text, #text, p{  
    color:rgb(185, 130, 63)  
}
```

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(185, 130, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 130, 63) }
```

Border

The CSS property to change the border of an element to Yxy 26.6384, 0.4524, 0.4172 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(185, 130, 63) }
```

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

```
.border{ border-color:rgb(185, 130, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 130, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 130, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 130, 63);  
box-shadow:4px 4px 4px 4px rgb(185, 130,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6384, 0.4524, 0.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 130, 63) }
```

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

```
.background{ background-color: rgb(185,  
130, 63) }
```

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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