

Converting Colors

$Y_{xy}(26.4481, 0.4384, 0.3791)$

Have a look what the booklet for
Yxy(26.4481, 0.4384, 0.3791)
contains.

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Color

Yxy(26.4482, 0.4384, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	BF7D58
RGB	191, 125, 88
RGB Percent	75%, 49%, 35%
CMY	0.2510, 0.5097, 0.6550
CMYK	0.00, 0.35, 0.54, 0.25
HSL	22°, 45%, 55%
HSV	22°, 54%, 75%
XYZ	30.5772, 26.4482, 12.7219
YIQ	140.5160, 51.2130, 2.4850

Conversions

Conversions Part 2

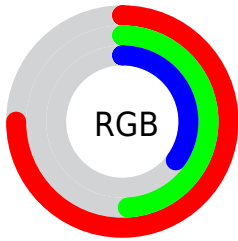
Format	Color
R_{YB}	191, 146, 88
Decimal	12549464
CIE _{Lab}	58.46, 21.65, 30.60
CIE _{LCh}	58, 37.490, 54.719
Yxy	26.4482, 0.4384, 0.3792
Android (android.graphics.Color)	4290739544 (0xFFBF7D58)
YUV	140.5160, -25.8904, 44.2745
Hunter-Lab	51.4278, 16.1314, 21.3326

Details

The Yxy color **26.4482, 0.4384, 0.3792** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.9297, 0.2324, 0.2692**, and the grayscale version is **26.5252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9998, 0.4126, 0.3718**, and **10.3973, 0.4810, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **23.2644, 0.4715, 0.3858**, and if you desaturate by 10%, it is **30.0990, 0.4078, 0.3706**.

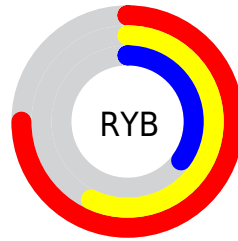
Distribution



Red (75%)

Green (49%)

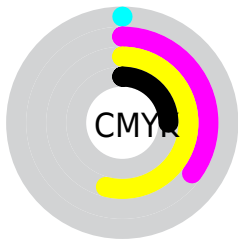
Blue (35%)



Red (75%)

Yellow (57%)

Blue (35%)

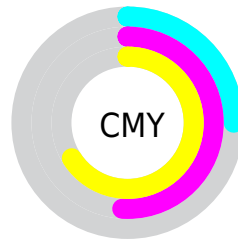


Cyan (0%)

Magenta (35%)

Yellow (54%)

Black (25%)



Cyan (25%)


Magenta (51%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4482, 0.4384, 0.3792 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 26.4482, 0.4384, 0.3792 by changing the saturation by 10% instead.


 26.4482, 0.4384,
0.3792


 26.4482, 0.4384,
0.3792


284.9754, 0.3698,
0.3555


 17.1592, 0.4570,
0.3839


 53.9971, 0.4122,
0.3713


 10.3481, 0.4815,
0.3888


 73.0259, 0.4028,
0.3680

 5.6304, 0.5146,
0.3927

 96.0700, 0.3949,
0.3652

 2.6216, 0.5806,
0.4061

 123.5140, 0.3883,
0.3628

 0.9376, 0.6247,
0.3753

 155.7421, 0.3826,
0.3606

 0.0000, 1.0000,
0.0000

193.1387, 0.3777,

 0.0000, 0.0000,

0.3587

0.0000

236.0884, 0.3735,
0.3570

■ 26.4482, 0.4384,
0.3792

■ 26.4482, 0.4384,
0.3792

■ 23.2644, 0.4715,
0.3858

■ 30.0990, 0.4078,
0.3706

■ 20.5231, 0.5056,
0.3892

■ 34.2318, 0.3805,
0.3610

■ 18.2035, 0.5382,
0.3881

■ 38.8659, 0.3568,
0.3512

■ 16.2807, 0.5663,
0.3820

■ 44.0179, 0.3363,
0.3416

■ 15.2893, 0.5812,
0.3767

■ 49.7041, 0.3189,
0.3324

■ 55.9396, 0.3040,
0.3239

■ 62.7392, 0.2913,
0.3161

■ 70.1169, 0.2805,
0.3089

■ 77.7689, 0.2738,
0.3074

Harmonies

Analogous

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



26.4482, 0.4255, 0.3308



26.4482, 0.4384, 0.3792



26.4482, 0.4141, 0.4220

Triad

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



26.4482, 0.4384, 0.3792



26.4482, 0.2466, 0.3760



26.4482, 0.2549, 0.2324

Complementary

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



26.4482, 0.4384, 0.3792



28.9297, 0.2324, 0.2692

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.



26.4482, 0.2159, 0.2346



26.4482, 0.4384, 0.3792



26.4482, 0.2110, 0.3108

Square

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



26.4482, 0.4384, 0.3792



26.4482, 0.3021, 0.4293



26.4482, 0.2008, 0.2605



26.4482, 0.3133, 0.2508

Rectangle

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



26.4482, 0.4384, 0.3792



26.4482, 0.3824, 0.4404



26.4482, 0.2008, 0.2605



26.4482, 0.2394, 0.2307

Sweetspot

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



26.4495, 0.4384, 0.3792



76.6249, 0.3408, 0.3438



20.4151, 0.3651, 0.2413



16.3968, 0.3449, 0.3458



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.



26.4495, 0.4384, 0.3792



40.5801, 0.4787, 0.3868



42.6464, 0.3998, 0.4408



10.0827, 0.3280, 0.3373



10.1900, 0.5788, 0.3786



0.5245, 0.5327, 0.4153

Inverse Universe

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



28.9297, 0.2324, 0.2692



45.3728, 0.2177, 0.2529



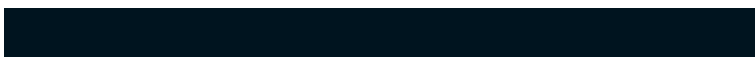
15.6215, 0.2148, 0.1832



10.2167, 0.2985, 0.3206



11.8295, 0.1912, 0.2083



0.5831, 0.2002, 0.2405

Previews

White Background



This preview shows how the Yxy color 26.4482, 0.4384, 0.3792 looks on a white background.

Color Contrast Check

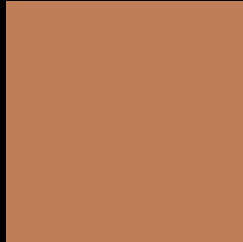
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4482, 0.4384, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

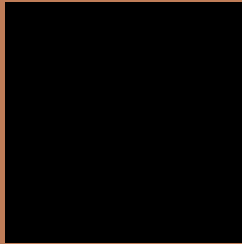
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4482, 0.4384, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 26.4482, 0.4384, 0.3792.



This preview shows how white text looks on a background with the Yxy color 26.4482, 0.4384, 0.3792.

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

26.4482, 0.4384, 0.3792

Protanopia

26.6302, 0.3754, 0.4051

Deuteranopia

26.6578, 0.4092, 0.4020



Tritanopia

26.4873, 0.3941, 0.3170

Trichromacy



Original Color

26.4482, 0.4384, 0.3792

Protanomaly

26.3161, 0.3981, 0.3948

Deuteranomaly

26.3857, 0.4196, 0.3926

Tritanomaly

26.4714, 0.4112, 0.3402

Monochromacy



Original Color

26.4482, 0.4384, 0.3792

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1040, 0.3547, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4482, 0.4384, 0.3792 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(191, 125, 88)` looks like.

```
.text, #text, p{  
    color:rgb(191, 125, 88)  
}
```

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(191, 125, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 125, 88) }
```

Border

The CSS property to change the border of an element to Yxy 26.4482, 0.4384, 0.3792 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(191, 125, 88) }
```

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

```
.border{ border-color:rgb(191, 125, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 125, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 125, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 125, 88);  
box-shadow:4px 4px 4px 4px rgb(191, 125,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4482, 0.4384, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 125, 88) }
```

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

```
.background{ background-color: rgb(191,  
125, 88) }
```

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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