

Converting Colors

$Y_{xy}(26.4929, 0.4419, 0.3537)$

Have a look what the booklet for
Yxy(26.4929, 0.4419, 0.3537)
contains.

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Color

Yxy(26.4335, 0.4419, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	CA7664
RGB	202, 118, 100
RGB Percent	79%, 46%, 39%
CMY	0.2078, 0.5372, 0.6078
CMYK	0.00, 0.42, 0.50, 0.21
HSL	11°, 49%, 59%
HSV	11°, 50%, 79%
XYZ	33.1375, 26.4335, 15.4177
YIQ	141.0640, 55.8420, 12.2100

Conversions

Conversions Part 2

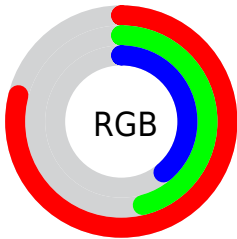
Format	Color
R_{YB}	202, 122, 100
Decimal	13268580
CIE _{Lab}	58.45, 31.02, 24.11
CIE _{LCh}	58, 39.289, 37.858
Yxy	26.4335, 0.4419, 0.3525
Android (android.graphics.Color)	4291458660 (0xFFCA7664)
YUV	141.0640, -20.2446, 53.4409
Hunter-Lab	51.4135, 25.0747, 18.2098

Details

The Yxy color **26.4335, 0.4419, 0.3525** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.2665, 0.2424, 0.3025**, and the grayscale version is **26.7282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6202, 0.4087, 0.3503**, and **10.3206, 0.4876, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **22.5115, 0.4817, 0.3557**, and if you desaturate by 10%, it is **31.1464, 0.4066, 0.3482**.

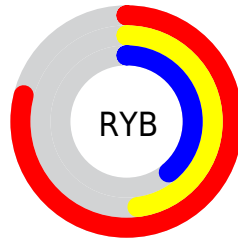
Distribution



Red (79%)

Green (46%)

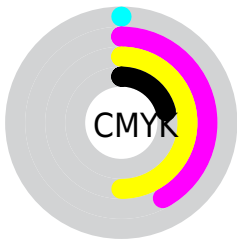
Blue (39%)



Red (79%)

Yellow (48%)

Blue (39%)

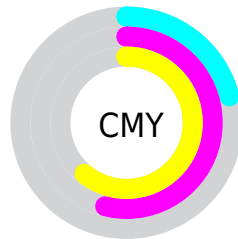


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (21%)



Cyan (21%)


Magenta (54%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4335, 0.4419, 0.3525 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 26.4335, 0.4419, 0.3525 by changing the saturation by 10% instead.

 26.4335, 0.4419,
0.3525


 26.4335, 0.4419,
0.3525


284.9037, 0.3708,
0.3431


 17.1482, 0.4617,
0.3536


 53.9735, 0.4145,
0.3499


 10.3402, 0.4881,
0.3538


 72.9969, 0.4047,
0.3487

 5.6251, 0.5247,
0.3519

 96.0353, 0.3966,
0.3475

 2.6185, 0.5821,
0.3467

 123.4729, 0.3898,
0.3464

 0.9360, 0.6733,
0.3267

155.6941, 0.3840,
0.3455

 0.0000, 1.0000,
0.0000


193.0834, 0.3790,


 0.0000, 0.0000,


0.3446

0.0000


236.0251, 0.3746,
0.3438


 26.4335, 0.4419,
0.3525

 26.4335, 0.4419,
0.3525


 22.5115, 0.4817,
0.3557


 31.1464, 0.4066,
0.3482


 19.3329, 0.5240,
0.3568


 36.6864, 0.3765,
0.3433

 16.8508, 0.5649,
0.3551

 43.0924, 0.3514,
0.3384

 15.0116, 0.5991,
0.3502

 50.3994, 0.3306,
0.3337

 13.7955, 0.6226,
0.3439

 58.6406, 0.3135,
0.3292

■ 67.8475, 0.2993,
0.3251

■ 78.0502, 0.2877,
0.3214

■ 88.8431, 0.2813,
0.3249

■ 91.2971, 0.2816,
0.3289

Harmonies

Analogous

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



26.4335, 0.4063, 0.3032



26.4335, 0.4419, 0.3525



26.4335, 0.4373, 0.4018

Triad

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



26.4335, 0.4419, 0.3525



26.4335, 0.2741, 0.4139



26.4335, 0.2266, 0.2268

Complementary

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



26.4335, 0.4419, 0.3525



41.2665, 0.2424, 0.3025

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.



26.4335, 0.1999, 0.2423



26.4335, 0.4419, 0.3525



26.4335, 0.2242, 0.3477

Square

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



26.4335, 0.4419, 0.3525



26.4335, 0.3377, 0.4491



26.4335, 0.1987, 0.2836



26.4335, 0.2769, 0.2344

Rectangle

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



26.4335, 0.4419, 0.3525



26.4335, 0.4140, 0.4296



26.4335, 0.1987, 0.2836



26.4335, 0.2149, 0.2292

Sweetspot

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



26.4348, 0.4419, 0.3525



79.2961, 0.3399, 0.3359



25.1789, 0.3375, 0.2256



16.4125, 0.3444, 0.3369



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.4348, 0.4419, 0.3525



37.3154, 0.4873, 0.3560



41.4867, 0.4063, 0.4145



11.5281, 0.3286, 0.3332



8.9696, 0.6207, 0.3454



0.5632, 0.5850, 0.3737

Inverse Universe

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



41.2665, 0.2424, 0.3025



65.1525, 0.2307, 0.2954



24.0298, 0.2270, 0.2231



12.3774, 0.2983, 0.3248



20.5017, 0.2089, 0.2722



1.1482, 0.2124, 0.2844

Previews

White Background



This preview shows how the Yxy color 26.4335, 0.4419, 0.3525 looks on a white background.

Color Contrast Check

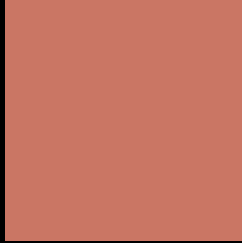
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4335, 0.4419, 0.3525 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 26.4335, 0.4419, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 26.4335, 0.4419, 0.3525.



This preview shows how white text looks on a background with the Yxy color 26.4335, 0.4419, 0.3525.

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

26.4335, 0.4419, 0.3525

Protanopia

26.6596, 0.3551, 0.3800

Deuteranopia

26.5158, 0.3938, 0.3871



Tritanopia

26.5289, 0.4161, 0.3190

Trichromacy



Original Color

26.4335, 0.4419, 0.3525

Protanomaly

26.2507, 0.3860, 0.3704

Deuteranomaly

26.2857, 0.4109, 0.3741

Tritanomaly

26.4251, 0.4250, 0.3306

Monochromacy



Original Color

26.4335, 0.4419, 0.3525

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.0679, 0.3556, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4335, 0.4419, 0.3525 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(202, 118, 100)` looks like.

```
.text, #text, p{  
    color:rgb(202, 118, 100)  
}
```

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(202, 118, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 118, 100) }
```

Border

The CSS property to change the border of an element to Yxy 26.4335, 0.4419, 0.3525 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(202, 118, 100) }
```

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

```
.border{ border-color:rgb(202, 118, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 118, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 118, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 118, 100);  
box-shadow:4px 4px 4px 4px rgb(202, 118,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4335, 0.4419, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 118, 100) }
```

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

```
.background{ background-color: rgb(202,  
118, 100) }
```

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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