

Converting Colors

$Yxy(26.3898, 0.4352, 0.3393)$

Have a look what the booklet for
Yxy(26.3898, 0.4352, 0.3393)
contains.

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Color

Yxy(26.4109, 0.4353, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	CC746C
RGB	204, 116, 108
RGB Percent	80%, 45%, 42%
CMY	0.2000, 0.5451, 0.5764
CMYK	0.00, 0.43, 0.47, 0.20
HSL	5°, 48%, 61%
HSV	5°, 47%, 80%
XYZ	33.8535, 26.4109, 17.5062
YIQ	141.4000, 55.0160, 16.1680

Conversions

Conversions Part 2

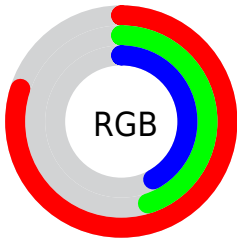
Format	Color
RYB	204, 117, 108
Decimal	13399148
CIELab	58.43, 33.63, 19.57
CIElCh	58, 38.906, 30.193
Yxy	26.4109, 0.4353, 0.3396
Android (android.graphics.Color)	4291589228 (0xFFCC746C)
YUV	141.4000, -16.4662, 54.9002
Hunter-Lab	51.3915, 27.6495, 15.7774

Details

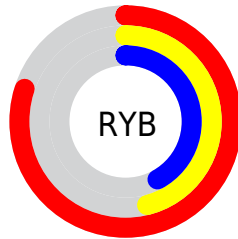
The Yxy color **26.4109, 0.4353, 0.3396** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.0309, 0.2486, 0.3175**, and the grayscale version is **26.8526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1391, 0.4020, 0.3398**, and **10.3443, 0.4781, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **22.1409, 0.4770, 0.3412**, and if you desaturate by 10%, it is **31.6530, 0.3992, 0.3374**.

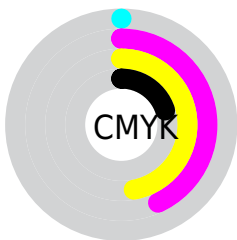
Distribution



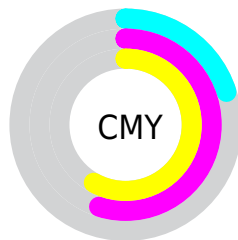
- Red (80%)
- Green (45%)
- Blue (42%)



- Red (80%)
- Yellow (46%)
- Blue (42%)



- Cyan (0%)
- Magenta (43%)
- Yellow (47%)
- Black (20%)





- Cyan (20%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4109, 0.4353, 0.3396 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 26.4109, 0.4353, 0.3396 by changing the saturation by 10% instead.


 26.4109, 0.4353,
0.3396


 26.4109, 0.4353,
0.3396


284.7934, 0.3677,
0.3366


 17.1313, 0.4543,
0.3392


 53.9371, 0.4092,
0.3393

 10.3281, 0.4799,
0.3378


 72.9525, 0.3998,
0.3389

 5.6171, 0.5159,
0.3340


 95.9819, 0.3921,
0.3385

 2.6137, 0.5694,
0.3246

 123.4097, 0.3856,
0.3381

 0.9335, 0.6858,
0.3142

155.6204, 0.3801,
0.3377

 0.0000, 1.0000,
0.0000


192.9983, 0.3754,

 0.0000, 0.0000,


0.3373


0.0000


235.9278, 0.3713,
0.3369

 26.4109, 0.4353,
0.3396


 26.4109, 0.4353,
0.3396


 22.1409, 0.4770,
0.3412


 31.6530, 0.3992,
0.3374


 18.7795, 0.5223,
0.3419


 37.9178, 0.3691,
0.3351

 16.2619, 0.5669,
0.3412

 45.2571, 0.3445,
0.3327


 14.5128, 0.6043,
0.3387


 53.7179, 0.3245,
0.3305

 13.4428, 0.6290,
0.3351

 63.3446, 0.3083,
0.3284

 13.2367, 0.6343,
0.3345

 74.1791, 0.2951,
0.3265

 86.2613, 0.2844,
0.3248

 91.5764, 0.2827,
0.3289

Harmonies

Analogous

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



26.4109, 0.3912, 0.2919



26.4109, 0.4353, 0.3396



26.4109, 0.4411, 0.3893

Triad

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



26.4109, 0.4353, 0.3396



26.4109, 0.2900, 0.4259



26.4109, 0.2182, 0.2293

Complementary

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



26.4109, 0.4353, 0.3396



47.0309, 0.2486, 0.3175

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.



26.4109, 0.1980, 0.2511



26.4109, 0.4353, 0.3396



26.4109, 0.2356, 0.3654

Square

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



26.4109, 0.4353, 0.3396



26.4109, 0.3538, 0.4495



26.4109, 0.2036, 0.2986



26.4109, 0.2625, 0.2313

Rectangle

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



26.4109, 0.4353, 0.3396



26.4109, 0.4235, 0.4191



26.4109, 0.2036, 0.2986



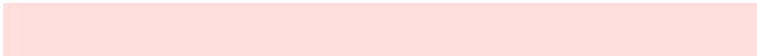
26.4109, 0.2087, 0.2337

Sweetspot

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



26.4122, 0.4353, 0.3396



78.7772, 0.3383, 0.3321



27.6243, 0.3248, 0.2220



16.2345, 0.3430, 0.3326



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.



26.4122, 0.4353, 0.3396



36.8711, 0.4756, 0.3412



39.9031, 0.4050, 0.3980



11.3612, 0.3288, 0.3310



8.3886, 0.6331, 0.3355



0.4860, 0.6117, 0.3525

Inverse Universe

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



47.0309, 0.2486, 0.3175



74.8474, 0.2391, 0.3148



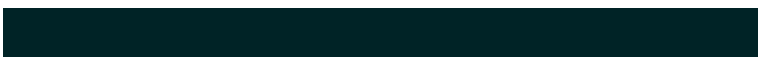
29.2366, 0.2358, 0.2468



12.5610, 0.2984, 0.3270



25.1855, 0.2175, 0.3030



1.3475, 0.2190, 0.3084

Previews

White Background



This preview shows how the Yxy color 26.4109, 0.4353, 0.3396 looks on a white background.

Color Contrast Check

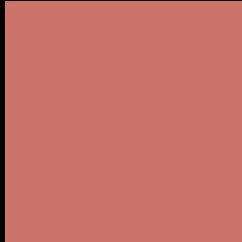
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4109, 0.4353, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

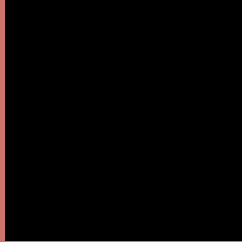
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4109, 0.4353, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 26.4109, 0.4353, 0.3396.



This preview shows how white text looks on a background with the Yxy color 26.4109, 0.4353, 0.3396.

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

26.4109, 0.4353, 0.3396

Protanopia

26.7017, 0.3422, 0.3636

Deuteranopia

26.4549, 0.3824, 0.3755



Tritanopia

26.4189, 0.4191, 0.3190

Trichromacy



Original Color

26.4109, 0.4353, 0.3396

Protanomaly

26.0883, 0.3736, 0.3538

Deuteranomaly

26.1822, 0.4021, 0.3612

Tritanomaly

26.5250, 0.4252, 0.3268

Monochromacy



Original Color

26.4109, 0.4353, 0.3396

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.9800, 0.3536, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4109, 0.4353, 0.3396 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(204, 116, 108)` looks like.

```
.text, #text, p{  
    color:rgb(204, 116, 108)  
}
```

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(204, 116, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 116, 108) }
```

Border

The CSS property to change the border of an element to Yxy 26.4109, 0.4353, 0.3396 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(204, 116, 108) }
```

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

```
.border{ border-color:rgb(204, 116, 108) }
```

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

Here you see how a box with a 4 pixel rgb(204, 116, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 116, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 116, 108);  
box-shadow:4px 4px 4px 4px rgb(204, 116,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4109, 0.4353, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 116, 108) }
```

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

```
.background{ background-color: rgb(204,  
116, 108) }
```

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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