

Converting Colors

$Yxy(26.5129, 0.4542, 0.3783)$

Have a look what the booklet for
Yxy(26.5129, 0.4542, 0.3783)
contains.

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Color

Yxy(26.5649, 0.4534, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	C67A54
RGB	198, 122, 84
RGB Percent	78%, 48%, 33%
CMY	0.2234, 0.5216, 0.6705
CMYK	0.00, 0.38, 0.58, 0.22
HSL	20°, 50%, 55%
HSV	20°, 58%, 78%
XYZ	31.8554, 26.5649, 11.8386
YIQ	140.3920, 57.4940, 4.2940

Conversions

Conversions Part 2

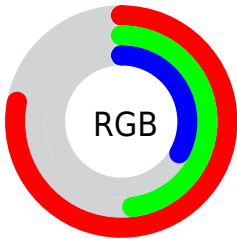
Format	Color
RYB	198, 141, 84
Decimal	13007444
CIELab	58.57, 25.89, 33.11
CIElCh	59, 42.031, 51.976
Yxy	26.5649, 0.4534, 0.3781
Android (android.graphics.Color)	4291197524 (0xFFC67A54)
YUV	140.3920, -27.8013, 50.5222
Hunter-Lab	51.5411, 20.1263, 22.4603

Details

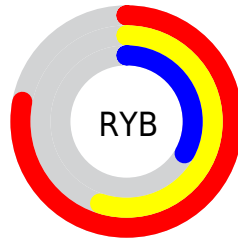
The Yxy color **26.5649, 0.4534, 0.3781** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **31.1268, 0.2286, 0.2692**, and the grayscale version is **26.4805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6412, 0.4221, 0.3720**, and **10.3438, 0.5016, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **23.2728, 0.4884, 0.3830**, and if you desaturate by 10%, it is **30.3882, 0.4207, 0.3708**.

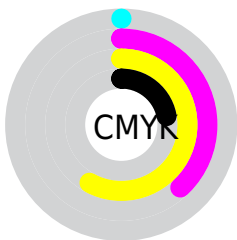
Distribution



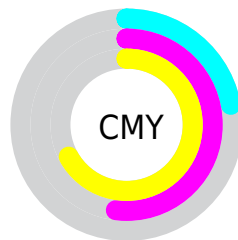
- Red (78%)
- Green (48%)
- Blue (33%)



- Red (78%)
- Yellow (55%)
- Blue (33%)



- Cyan (0%)
- Magenta (38%)
- Yellow (58%)
- Black (22%)



- Cyan (22%)
- Magenta (52%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5649, 0.4534, 0.3781 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 26.5649, 0.4534, 0.3781 by changing the saturation by 10% instead.


 26.5649, 0.4534,
0.3781


 26.5649, 0.4534,
0.3781


285.5442, 0.3768,
0.3560


 17.2467, 0.4739,
0.3819

 54.1849, 0.4243,
0.3711


 10.4106, 0.5007,
0.3851


 73.2555, 0.4138,
0.3682


 5.6720, 0.5363,
0.3862

 96.3456, 0.4050,
0.3655

 2.6467, 0.6058,
0.3942

 123.8398, 0.3976,
0.3632

 0.9502, 0.6469,
0.3531

 156.1224, 0.3912,
0.3611

 0.0000, 1.0000,
0.0000

193.5777, 0.3858,

 0.0000, 0.0000,

0.3592

0.0000

236.5902, 0.3810,
0.3575

■ 26.5649, 0.4534,
0.3781

■ 26.5649, 0.4534,
0.3781

■ 23.2728, 0.4884,
0.3830

■ 30.3882, 0.4207,
0.3708

■ 20.4827, 0.5236,
0.3843

■ 34.7622, 0.3913,
0.3621

■ 18.1681, 0.5560,
0.3810

■ 39.7099, 0.3657,
0.3530

■ 16.2960, 0.5827,
0.3729

■ 45.2521, 0.3437,
0.3439

■ 15.9011, 0.5886,
0.3708

■ 51.4083, 0.3250,
0.3352

■ 58.1970, 0.3091,
0.3271

■ 65.6361, 0.2957,
0.3196

■ 73.7425, 0.2843,
0.3127

■ 82.0575, 0.2783,
0.3139

Harmonies

Analogous

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



26.5649, 0.4356, 0.3251



26.5649, 0.4534, 0.3781



26.5649, 0.4288, 0.4273

Triad

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



26.5649, 0.4534, 0.3781



26.5649, 0.2436, 0.3886



26.5649, 0.2434, 0.2219

Complementary

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



26.5649, 0.4534, 0.3781



31.1268, 0.2286, 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.



26.5649, 0.2033, 0.2260



26.5649, 0.4534, 0.3781



26.5649, 0.2025, 0.3140

Square

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



26.5649, 0.4534, 0.3781



26.5649, 0.3062, 0.4463



26.5649, 0.1892, 0.2561



26.5649, 0.3064, 0.2402

Rectangle

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



26.5649, 0.4534, 0.3781



26.5649, 0.3946, 0.4509



26.5649, 0.1892, 0.2561



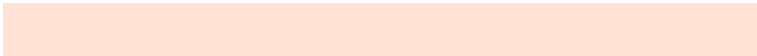
26.5649, 0.2272, 0.2206

Sweetspot

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



26.5663, 0.4534, 0.3781



80.4359, 0.3430, 0.3436



20.9591, 0.3649, 0.2319



16.7682, 0.3472, 0.3454



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.



26.5663, 0.4534, 0.3781



39.9012, 0.4971, 0.3838



44.1460, 0.4083, 0.4434



11.2045, 0.3281, 0.3368



10.4788, 0.5862, 0.3727



0.6300, 0.5452, 0.4053

Inverse Universe

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



31.1268, 0.2286, 0.2692



48.5461, 0.2147, 0.2535



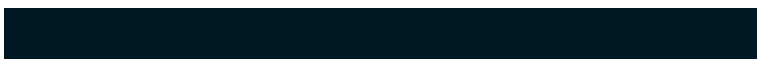
16.0505, 0.2088, 0.1774



11.4493, 0.2984, 0.3211



13.5565, 0.1937, 0.2174



0.7710, 0.2009, 0.2434

Previews

White Background



This preview shows how the Yxy color 26.5649, 0.4534, 0.3781 looks on a white background.

Color Contrast Check

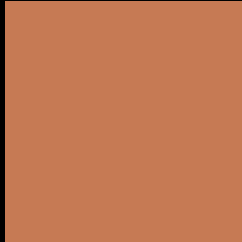
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5649, 0.4534, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

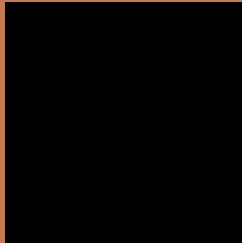
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5649, 0.4534, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 26.5649, 0.4534, 0.3781.



This preview shows how white text looks on a background with the Yxy color 26.5649, 0.4534, 0.3781.

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

26.5649, 0.4534, 0.3781

Protanopia

26.6751, 0.3797, 0.4094

Deuteranopia

26.6927, 0.4156, 0.4084



Tritanopia

26.6208, 0.4089, 0.3188

Trichromacy



Original Color

26.5649, 0.4534, 0.3781

Protanomaly

26.3008, 0.4067, 0.3981

Deuteranomaly

26.3982, 0.4293, 0.3968

Tritanomaly

26.5988, 0.4262, 0.3412

Monochromacy



Original Color

26.5649, 0.4534, 0.3781

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7082, 0.3601, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5649, 0.4534, 0.3781 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(198, 122, 84)` looks like.

```
.text, #text, p{  
    color:rgb(198, 122, 84)  
}
```

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(198, 122, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 122, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.5649, 0.4534, 0.3781 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(198, 122, 84) }
```

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

```
.border{ border-color:rgb(198, 122, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 122, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 122, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 122, 84);  
box-shadow:4px 4px 4px 4px rgb(198, 122,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5649, 0.4534, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 122, 84) }
```

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

```
.background{ background-color: rgb(198,  
122, 84) }
```

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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