

Converting Colors

$Yxy(26.6936, 0.4718, 0.3497)$

Have a look what the booklet for
Yxy(26.6936, 0.4718, 0.3497)
contains.

Yxy(26.5411, 0.4720, 0.3492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.5411, 0.4720, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	D86E5D
RGB	216, 110, 93
RGB Percent	85%, 43%, 36%
CMY	0.1529, 0.5687, 0.6353
CMYK	0.00, 0.49, 0.57, 0.15
HSL	8°, 61%, 61%
HSV	8°, 57%, 85%
XYZ	35.8746, 26.5411, 13.5898
YIQ	139.7560, 68.6330, 17.1850

Conversions

Conversions Part 2

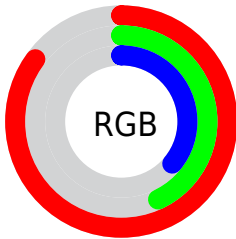
Format	Color
R_{YB}	216, 113, 93
Decimal	14184029
CIE _{Lab}	58.55, 40.02, 28.58
CIE _{LCh}	59, 49.177, 35.533
Yxy	26.5411, 0.4720, 0.3492
Android (android.graphics.Color)	4292374109 (0xFFD86E5D)
YUV	139.7560, -23.0507, 66.8660
Hunter-Lab	51.5181, 34.1418, 20.4227

Details

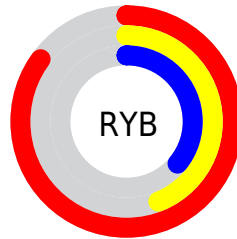
The Yxy color **26.5411, 0.4720, 0.3492** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **48.1472, 0.2367, 0.3051**, and the grayscale version is **26.1975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8245, 0.4187, 0.3503**, and **10.4011, 0.5253, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **22.6081, 0.5155, 0.3505**, and if you desaturate by 10%, it is **31.4290, 0.4320, 0.3464**.

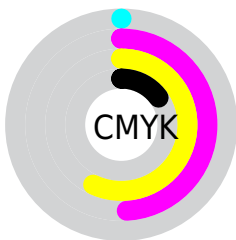
Distribution



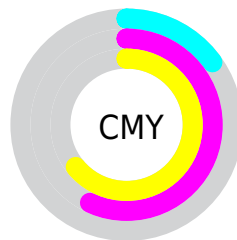
- Red (85%)
- Green (43%)
- Blue (36%)



- Red (85%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (49%)
- Yellow (57%)
- Black (15%)





- Cyan (15%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5411, 0.4720, 0.3492 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 26.5411, 0.4720, 0.3492 by changing the saturation by 10% instead.

 26.5411, 0.4720,
0.3492


 26.5411, 0.4720,
0.3492


285.4283, 0.3848,
0.3434


 17.2289, 0.4957,
0.3485


 54.1466, 0.4387,
0.3485

 10.3978, 0.5270,
0.3460


 73.2087, 0.4266,
0.3478

 5.6635, 0.5692,
0.3394

 96.2895, 0.4167,
0.3470

 2.6416, 0.6404,
0.3299

 123.7734, 0.4082,
0.3462

 0.9476, 0.7133,
0.2867

156.0448, 0.4011,
0.3454

 0.0000, 1.0000,
0.0000


193.4882, 0.3949,


 0.0000, 0.0000,


0.3447

0.0000


236.4879, 0.3895,
0.3440


 26.5411, 0.4720,
0.3492

 26.5411, 0.4720,
0.3492


 22.6081, 0.5155,
0.3505


 31.4290, 0.4320,
0.3464


 19.5632, 0.5588,
0.3497


 37.3246, 0.3973,
0.3428

 17.3374, 0.5962,
0.3462

 44.2817, 0.3681,
0.3389

 15.8487, 0.6225,
0.3405

 52.3491, 0.3440,
0.3351

 15.5214, 0.6287,
0.3390

 61.5726, 0.3243,
0.3314

■ 71.9954, 0.3081,
0.3280

■ 83.6583, 0.2949,
0.3249

■ 93.3414, 0.2894,
0.3289

Harmonies

Analogous

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



26.5411, 0.4244, 0.2918



26.5411, 0.4720, 0.3492



26.5411, 0.4676, 0.4091

Triad

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



26.5411, 0.4720, 0.3492



26.5411, 0.2688, 0.4435



26.5411, 0.2044, 0.2058

Complementary

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



26.5411, 0.4720, 0.3492



48.1472, 0.2367, 0.3051

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.



26.5411, 0.1755, 0.2247



26.5411, 0.4720, 0.3492



26.5411, 0.2073, 0.3581

Square

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



26.5411, 0.4720, 0.3492



26.5411, 0.3465, 0.4821



26.5411, 0.1759, 0.2758



26.5411, 0.2621, 0.2136

Rectangle

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



26.5411, 0.4720, 0.3492



26.5411, 0.4392, 0.4459



26.5411, 0.1759, 0.2758



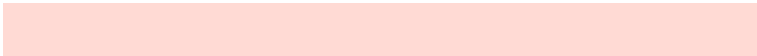
26.5411, 0.1915, 0.2089

Sweetspot

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



26.5425, 0.4720, 0.3492



75.9501, 0.3445, 0.3352



26.5838, 0.3369, 0.2102



15.7195, 0.3490, 0.3359



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.



26.5425, 0.4720, 0.3492



32.0775, 0.5230, 0.3506



44.4850, 0.4234, 0.4200



12.6946, 0.3288, 0.3323



9.2777, 0.6268, 0.3405



0.6511, 0.5991, 0.3625

Inverse Universe

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



48.1472, 0.2367, 0.3051



66.1789, 0.2266, 0.2994



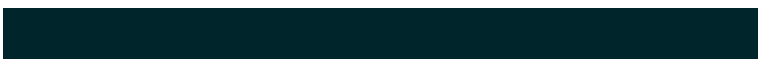
25.4952, 0.2167, 0.2124



13.8018, 0.2983, 0.3257



23.8822, 0.2125, 0.2849



1.5229, 0.2148, 0.2933

Previews

White Background



This preview shows how the Yxy color 26.5411, 0.4720, 0.3492 looks on a white background.

Color Contrast Check

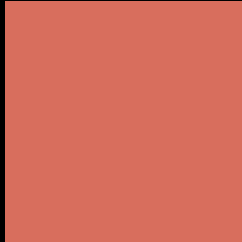
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5411, 0.4720, 0.3492 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 26.5411, 0.4720, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 26.5411, 0.4720, 0.3492.



This preview shows how white text looks on a background with the Yxy color 26.5411, 0.4720, 0.3492.

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

26.5411, 0.4720, 0.3492

Protanopia

26.6697, 0.3606, 0.3863

Deuteranopia

26.6905, 0.4071, 0.3992



Tritanopia

26.4820, 0.4475, 0.3211

Trichromacy



Original Color

26.5411, 0.4720, 0.3492

Protanomaly

26.0188, 0.4008, 0.3723

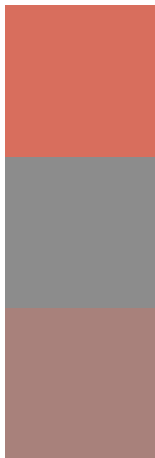
Deuteranomaly

26.2247, 0.4307, 0.3790

Tritanomaly

26.5174, 0.4577, 0.3318

Monochromacy



Original Color

26.5411, 0.4720, 0.3492

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4554, 0.3665, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5411, 0.4720, 0.3492 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(216, 110, 93)` looks like.

```
.text, #text, p{  
  color:rgb(216, 110, 93)  
}
```

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(216, 110, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 110, 93) }
```

Border

The CSS property to change the border of an element to Yxy 26.5411, 0.4720, 0.3492 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(216, 110, 93) }
```

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

```
.border{ border-color:rgb(216, 110, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 110, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(216, 110,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5411, 0.4720, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 110, 93) }
```

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

```
.background{ background-color: rgb(216,  
110, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor