

Converting Colors

$Y_{xy}(26.4512, 0.4762, 0.3745)$

Have a look what the booklet for
Yxy(26.4512, 0.4762, 0.3745)
contains.

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Color

Yxy(26.4507, 0.4762, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	D0744E
RGB	208, 116, 78
RGB Percent	82%, 45%, 31%
CMY	0.1843, 0.5451, 0.6940
CMYK	0.00, 0.44, 0.62, 0.18
HSL	18°, 58%, 56%
HSV	18°, 62%, 82%
XYZ	33.6337, 26.4507, 10.5450
YIQ	139.1760, 67.0300, 7.6860

Conversions

Conversions Part 2

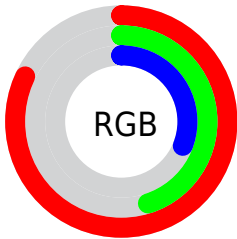
Format	Color
R_{YB}	208, 132, 78
Decimal	13661262
CIE _{Lab}	58.46, 32.70, 36.54
CIE _{LCh}	58, 49.033, 48.174
Yxy	26.4507, 0.4762, 0.3745
Android (android.graphics.Color)	4291851342 (0xFFD0744E)
YUV	139.1760, -30.1598, 60.3586
Hunter-Lab	51.4302, 26.7303, 23.8447

Details

The Yxy color **26.4507, 0.4762, 0.3745** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **34.9319, 0.2246, 0.2714**, and the grayscale version is **25.9908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1944, 0.4308, 0.3718**, and **10.3903, 0.5292, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **23.0698, 0.5137, 0.3769**, and if you desaturate by 10%, it is **30.4666, 0.4403, 0.3692**.

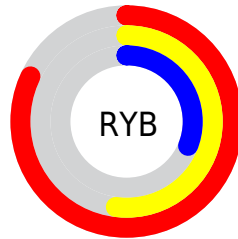
Distribution



Red (82%)

Green (45%)

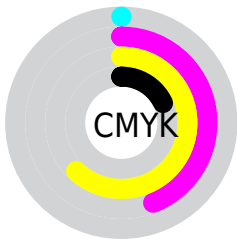
Blue (31%)



Red (82%)

Yellow (52%)

Blue (31%)

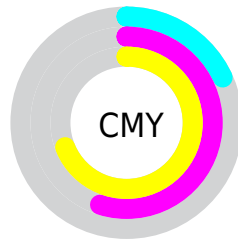


Cyan (0%)

Magenta (44%)

Yellow (62%)

Black (18%)



Cyan (18%)


Magenta (55%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4507, 0.4762, 0.3745 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 26.4507, 0.4762, 0.3745 by changing the saturation by 10% instead.


 26.4507, 0.4762,
0.3745


 26.4507, 0.4762,
0.3745


284.9876, 0.3875,
0.3561


 17.1611, 0.4996,
0.3765


 54.0011, 0.4428,
0.3695

 10.3494, 0.5296,
0.3768


 73.0308, 0.4305,
0.3670

 5.6313, 0.5688,
0.3731

 96.0759, 0.4203,
0.3648

 2.6222, 0.6332,
0.3668

 123.5209, 0.4117,
0.3627

 0.9378, 0.6813,
0.3187

 155.7502, 0.4043,
0.3608

 0.0000, 1.0000,
0.0000

193.1481, 0.3980,

 0.0000, 0.0000,

0.3591

0.0000

236.0991, 0.3924,
0.3575

■ 26.4507, 0.4762,
0.3745

■ 26.4507, 0.4762,
0.3745

■ 23.0698, 0.5137,
0.3769

■ 30.4666, 0.4403,
0.3692

■ 20.2852, 0.5497,
0.3753

■ 35.1450, 0.4077,
0.3621

■ 18.0600, 0.5806,
0.3691

■ 40.5167, 0.3792,
0.3542

■ 16.7238, 0.5994,
0.3623

■ 46.6093, 0.3547,
0.3461

■ 53.4486, 0.3340,
0.3382

■ 61.0595, 0.3166,
0.3308

■ 69.4653, 0.3020,
0.3239

■ 78.6885, 0.2896,
0.3176

■ 88.0746, 0.2845,
0.3222

Harmonies

Analogous

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



26.4507, 0.4500, 0.3153



26.4507, 0.4762, 0.3745



26.4507, 0.4513, 0.4329

Triad

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



26.4507, 0.4762, 0.3745



26.4507, 0.2399, 0.4103



26.4507, 0.2254, 0.2062

Complementary

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



26.4507, 0.4762, 0.3745



34.9319, 0.2246, 0.2714

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.



26.4507, 0.1843, 0.2133



26.4507, 0.4762, 0.3745



26.4507, 0.1903, 0.3205

Square

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



26.4507, 0.4762, 0.3745



26.4507, 0.3131, 0.4734



26.4507, 0.1723, 0.2502



26.4507, 0.2942, 0.2240

Rectangle

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



26.4507, 0.4762, 0.3745



26.4507, 0.4135, 0.4647



26.4507, 0.1723, 0.2502



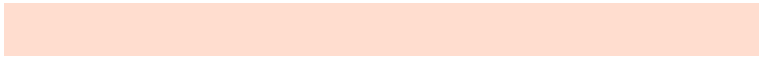
26.4507, 0.2085, 0.2056

Sweetspot

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



26.4521, 0.4762, 0.3745



77.3015, 0.3476, 0.3435



21.8091, 0.3653, 0.2207



15.8977, 0.3539, 0.3458



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.



26.4521, 0.4762, 0.3745



34.9725, 0.5262, 0.3769



46.5377, 0.4195, 0.4470



12.3631, 0.3283, 0.3359



10.5694, 0.5969, 0.3643



0.7284, 0.5602, 0.3934

Inverse Universe

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



34.9319, 0.2246, 0.2714



49.2017, 0.2117, 0.2566



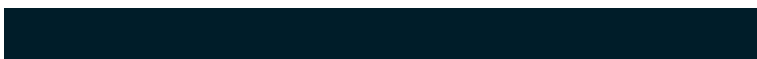
16.5213, 0.2009, 0.1685



12.7992, 0.2983, 0.3220



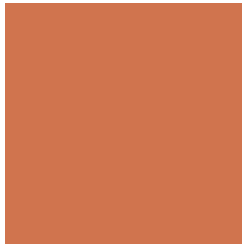
16.0610, 0.1977, 0.2316



1.0315, 0.2032, 0.2516

Previews

White Background



This preview shows how the Yxy color 26.4507, 0.4762, 0.3745 looks on a white background.

Color Contrast Check

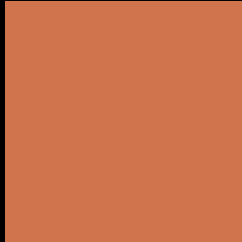
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4507, 0.4762, 0.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

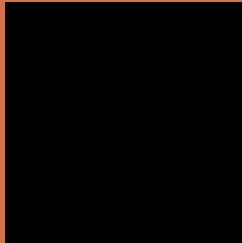
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4507, 0.4762, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 26.4507, 0.4762, 0.3745.



This preview shows how white text looks on a background with the Yxy color 26.4507, 0.4762, 0.3745.

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

26.4507, 0.4762, 0.3745

Protanopia

26.6079, 0.3837, 0.4155

Deuteranopia

26.4288, 0.4246, 0.4157



Tritanopia

26.5497, 0.4317, 0.3194

Trichromacy



Original Color

26.4507, 0.4762, 0.3745

Protanomaly

26.1413, 0.4173, 0.3995

Deuteranomaly

26.1258, 0.4451, 0.3995

Tritanomaly

26.5114, 0.4493, 0.3405

Monochromacy



Original Color

26.4507, 0.4762, 0.3745

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4095, 0.3680, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4507, 0.4762, 0.3745 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(208, 116, 78)` looks like.

```
.text, #text, p{  
    color:rgb(208, 116, 78)  
}
```

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(208, 116, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 116, 78) }
```

Border

The CSS property to change the border of an element to Yxy 26.4507, 0.4762, 0.3745 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(208, 116, 78) }
```

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

```
.border{ border-color:rgb(208, 116, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 116, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 116, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 116, 78);  
box-shadow:4px 4px 4px 4px rgb(208, 116,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4507, 0.4762, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 116, 78) }
```

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

```
.background{ background-color: rgb(208,  
116, 78) }
```

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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