

Converting Colors

$Yxy(26.9489, 0.4995, 0.3625)$

Have a look what the booklet for
Yxy(26.9489, 0.4995, 0.3625)
contains.

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Color

Yxy(26.9489, 0.4995, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	DF6C4D
RGB	223, 108, 77
RGB Percent	87%, 42%, 30%
CMY	0.1255, 0.5764, 0.6982
CMYK	0.00, 0.52, 0.65, 0.13
HSL	13°, 70%, 59%
HSV	13°, 65%, 87%
XYZ	37.1337, 26.9489, 10.2592
YIQ	138.8510, 78.4910, 14.7390

Conversions

Conversions Part 2

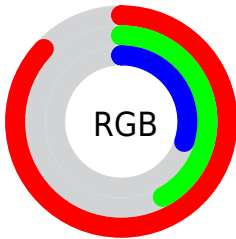
Format	Color
R_{YB}	223, 116, 77
Decimal	14642253
CIE _{Lab}	58.93, 42.56, 38.18
CIE _{LCh}	59, 57.174, 41.892
Yxy	26.9489, 0.4995, 0.3625
Android (android.graphics.Color)	4292832333 (0xFFDF6C4D)
YUV	138.8510, -30.4925, 73.7987
Hunter-Lab	51.9123, 36.8373, 24.6215

Details

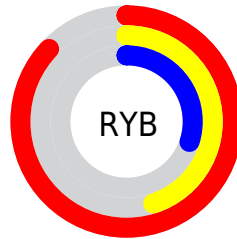
The Yxy color **26.9489, 0.4995, 0.3625** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **44.5882, 0.2252, 0.2851**, and the grayscale version is **25.8551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6330, 0.4359, 0.3656**, and **10.6087, 0.5587, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **23.3490, 0.5405, 0.3626**, and if you desaturate by 10%, it is **31.4057, 0.4592, 0.3596**.

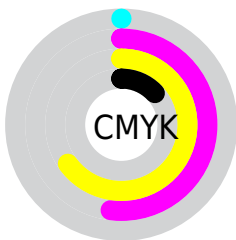
Distribution



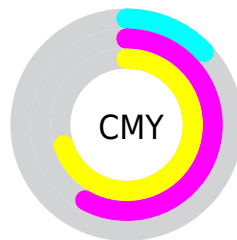
- Red (87%)
- Green (42%)
- Blue (30%)



- Red (87%)
- Yellow (45%)
- Blue (30%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9489, 0.4995, 0.3625 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 26.9489, 0.4995, 0.3625 by changing the saturation by 10% instead.


 26.9489, 0.4995,
0.3625


 26.9489, 0.4995,
0.3625


287.4096, 0.3987,
0.3523


 17.5348, 0.5256,
0.3617


 54.8019, 0.4618,
0.3610


 10.6166, 0.5589,
0.3581


 74.0096, 0.4479,
0.3598

 5.8096, 0.6019,
0.3489

 97.2506, 0.4362,
0.3584

 2.7297, 0.6673,
0.3327

 124.9094, 0.4264,
0.3571

 0.9923, 0.7212,
0.2788

 157.3702, 0.4180,
0.3558

 0.0000, 1.0000,
0.0000

195.0177, 0.4107,

 0.0000, 0.0000,

0.3546

0.0000

238.2360, 0.4043,
0.3534

■ 26.9489, 0.4995,
0.3625

■ 26.9489, 0.4995,
0.3625

■ 23.3490, 0.5405,
0.3626

■ 31.4057, 0.4592,
0.3596

■ 20.5449, 0.5779,
0.3590

■ 36.7662, 0.4224,
0.3549


■ 18.4740, 0.6068,
0.3518


■ 43.0789, 0.3904,
0.3493

■ 17.7537, 0.6171,
0.3482

■ 50.3877, 0.3632,
0.3433

■ 58.7334, 0.3405,
0.3375

 68.1548, 0.3216,
0.3319

 78.6886, 0.3060,
0.3267

 90.3457, 0.2933,
0.3224

 94.4287, 0.2935,
0.3289

Harmonies

Analogous

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



26.9489, 0.4579, 0.2983



26.9489, 0.4995, 0.3625



26.9489, 0.4795, 0.4296

Triad

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



26.9489, 0.4995, 0.3625



26.9489, 0.2436, 0.4454



26.9489, 0.2011, 0.1900

Complementary

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



26.9489, 0.4995, 0.3625



44.5882, 0.2252, 0.2851

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.



26.9489, 0.1629, 0.2031



26.9489, 0.4995, 0.3625



26.9489, 0.1820, 0.3388

Square

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



26.9489, 0.4995, 0.3625



26.9489, 0.3291, 0.5051



26.9489, 0.1559, 0.2507



26.9489, 0.2719, 0.2046

Rectangle

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



26.9489, 0.4995, 0.3625



26.9489, 0.4400, 0.4711



26.9489, 0.1559, 0.2507



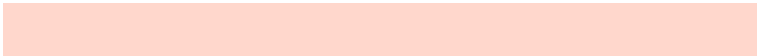
26.9489, 0.1848, 0.1910

Sweetspot

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



26.9504, 0.4995, 0.3625



74.1389, 0.3505, 0.3402



24.8776, 0.3533, 0.2054



15.1927, 0.3571, 0.3418



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.



26.9504, 0.4995, 0.3625



29.9550, 0.5565, 0.3615



48.5417, 0.4344, 0.4400



14.1703, 0.3287, 0.3341



10.5723, 0.6148, 0.3501



0.8629, 0.5852, 0.3735

Inverse Universe

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



44.5882, 0.2252, 0.2851



55.1704, 0.2143, 0.2741



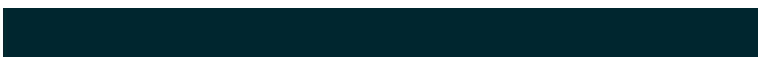
20.5251, 0.1994, 0.1765



15.0519, 0.2982, 0.3239



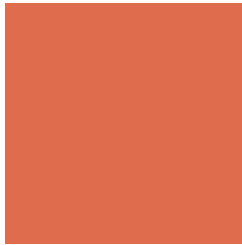
21.4686, 0.2054, 0.2594



1.6131, 0.2087, 0.2713

Previews

White Background



This preview shows how the Yxy color 26.9489, 0.4995, 0.3625 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 26.9489, 0.4995, 0.3625 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 26.9489, 0.4995, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 26.9489, 0.4995, 0.3625.



This preview shows how white text looks on a background with the Yxy color 26.9489, 0.4995, 0.3625.

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

26.9489, 0.4995, 0.3625

Protanopia

27.0358, 0.3823, 0.4135

Deuteranopia

27.1772, 0.4279, 0.4210



Tritanopia

27.0559, 0.4620, 0.3216

Trichromacy



Original Color

26.9489, 0.4995, 0.3625

Protanomaly

26.3244, 0.4249, 0.3932

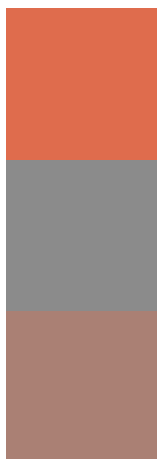
Deuteranomaly

26.6092, 0.4548, 0.3981

Tritanomaly

26.8513, 0.4763, 0.3362

Monochromacy



Original Color

26.9489, 0.4995, 0.3625

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2453, 0.3779, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9489, 0.4995, 0.3625 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(223, 108, 77)` looks like.

```
.text, #text, p{  
  color:rgb(223, 108, 77)  
}
```

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(223, 108, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 108, 77) }
```

Border

The CSS property to change the border of an element to Yxy 26.9489, 0.4995, 0.3625 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(223, 108, 77) }
```

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

```
.border{ border-color:rgb(223, 108, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 108, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 108, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 108, 77);  
box-shadow:4px 4px 4px 4px rgb(223, 108,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9489, 0.4995, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 108, 77) }
```

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

```
.background{ background-color: rgb(223,  
108, 77) }
```

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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