

Converting Colors

$Y_{xy}(26.5520, 0.4635, 0.3432)$

Have a look what the booklet for
Yxy(26.5520, 0.4635, 0.3432)
contains.

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Color

Yxy(26.4998, 0.4633, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	D76E63
RGB	215, 110, 99
RGB Percent	84%, 43%, 39%
CMY	0.1570, 0.5685, 0.6118
CMYK	0.00, 0.49, 0.54, 0.16
HSL	6°, 59%, 62%
HSV	6°, 54%, 84%
XYZ	35.8463, 26.4998, 15.0256
YIQ	140.1410, 66.1110, 18.8390

Conversions

Conversions Part 2

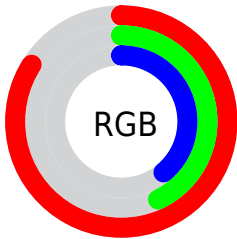
Format	Color
RYB	215, 111, 99
Decimal	14118499
CIELab	58.51, 40.09, 25.11
CIELCh	59, 47.305, 32.061
Yxy	26.4998, 0.4633, 0.3425
Android (android.graphics.Color)	4292308579 (0xFFD76E63)
YUV	140.1410, -20.2825, 65.6513
Hunter-Lab	51.4780, 34.2107, 18.7288

Details

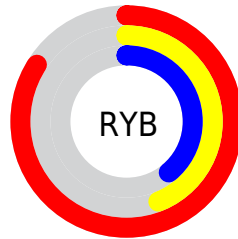
The Yxy color **26.4998, 0.4633, 0.3425** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.7102, 0.2411, 0.3136**, and the grayscale version is **26.3461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0129, 0.4129, 0.3440**, and **10.4438, 0.5166, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **22.3956, 0.5076, 0.3437**, and if you desaturate by 10%, it is **31.6374, 0.4234, 0.3404**.

Distribution



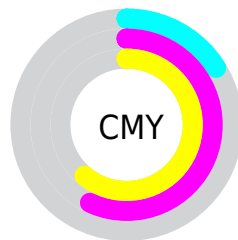
- Red (84%)
- Green (43%)
- Blue (39%)



- Red (84%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (49%)
- Yellow (54%)
- Black (16%)





- Cyan (16%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4998, 0.4633, 0.3425 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 26.4998, 0.4633, 0.3425 by changing the saturation by 10% instead.


 26.4998, 0.4633,
0.3425

 26.4998, 0.4633,
0.3425


285.2270, 0.3806,
0.3395


 17.1979, 0.4861,
0.3414


 54.0802, 0.4316,
0.3426

 10.3757, 0.5163,
0.3386


 73.1274, 0.4201,
0.3423

 5.6488, 0.5578,
0.3321

 96.1919, 0.4107,
0.3418

 2.6327, 0.6223,
0.3200

 123.6581, 0.4027,
0.3414

 0.9431, 0.7139,
0.2861

155.9103, 0.3960,
0.3409

 0.0000, 1.0000,
0.0000

193.3329, 0.3901,

 0.0000, 0.0000,

0.3404

0.0000

236.3103, 0.3850,
0.3399

■ 26.4998, 0.4633,
0.3425

■ 26.4998, 0.4633,
0.3425

■ 22.3956, 0.5076,
0.3437

■ 31.6374, 0.4234,
0.3404

■ 19.2509, 0.5528,
0.3434

■ 37.8675, 0.3893,
0.3378

■ 16.9885, 0.5930,
0.3412

■ 45.2499, 0.3610,
0.3351

■ 15.5173, 0.6220,
0.3374

■ 53.8384, 0.3379,
0.3324

■ 14.9602, 0.6335,
0.3352

■ 63.6839, 0.3191,
0.3299

■ 74.8341, 0.3039,
0.3276

■ 87.3341, 0.2915,
0.3255

■ 93.1833, 0.2888,
0.3289

Harmonies

Analogous

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



26.4998, 0.4122, 0.2873



26.4998, 0.4633, 0.3425



26.4998, 0.4653, 0.4007

Triad

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



26.4998, 0.4633, 0.3425



26.4998, 0.2790, 0.4459



26.4998, 0.2032, 0.2104

Complementary

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



26.4998, 0.4633, 0.3425



50.7102, 0.2411, 0.3136

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.



26.4998, 0.1783, 0.2325



26.4998, 0.4633, 0.3425



26.4998, 0.2166, 0.3674

Square

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



26.4998, 0.4633, 0.3425



26.4998, 0.3547, 0.4764



26.4998, 0.1822, 0.2859



26.4998, 0.2562, 0.2150

Rectangle

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



26.4998, 0.4633, 0.3425



26.4998, 0.4411, 0.4369



26.4998, 0.1822, 0.2859



26.4998, 0.1917, 0.2145

Sweetspot

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



26.5012, 0.4633, 0.3425



76.3118, 0.3426, 0.3330



27.7864, 0.3289, 0.2100



15.7573, 0.3472, 0.3336



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.



26.5012, 0.4633, 0.3425



32.0947, 0.5153, 0.3437



42.8513, 0.4208, 0.4096



12.6090, 0.3289, 0.3313



9.0196, 0.6321, 0.3363



0.6108, 0.6107, 0.3533

Inverse Universe

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



50.7102, 0.2411, 0.3136



71.2184, 0.2311, 0.3098



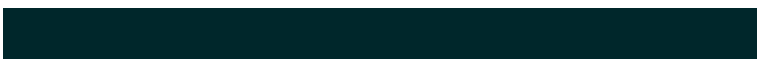
28.5216, 0.2236, 0.2287



13.8963, 0.2983, 0.3267



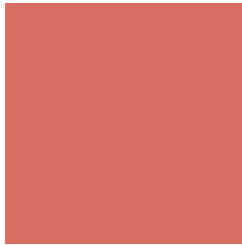
26.2393, 0.2164, 0.2990



1.6427, 0.2180, 0.3046

Previews

White Background



This preview shows how the Yxy color 26.4998, 0.4633, 0.3425 looks on a white background.

Color Contrast Check

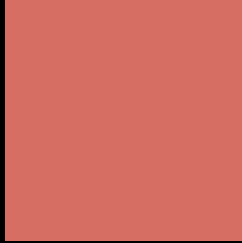
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4998, 0.4633, 0.3425 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 26.4998, 0.4633, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 26.4998, 0.4633, 0.3425.



This preview shows how white text looks on a background with the Yxy color 26.4998, 0.4633, 0.3425.

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

26.4998, 0.4633, 0.3425

Protanopia

26.7260, 0.3520, 0.3750

Deuteranopia

26.5892, 0.3972, 0.3898



Tritanopia

26.5619, 0.4444, 0.3210

Trichromacy



Original Color

26.4998, 0.4633, 0.3425

Protanomaly

26.0466, 0.3913, 0.3621

Deuteranomaly

26.2053, 0.4225, 0.3713

Tritanomaly

26.6403, 0.4519, 0.3294

Monochromacy



Original Color

26.4998, 0.4633, 0.3425

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.3967, 0.3629, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4998, 0.4633, 0.3425 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(215, 110, 99)` looks like.

```
.text, #text, p{  
    color:rgb(215, 110, 99)  
}
```

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(215, 110, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 110, 99) }
```

Border

The CSS property to change the border of an element to Yxy 26.4998, 0.4633, 0.3425 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(215, 110, 99) }
```

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

```
.border{ border-color:rgb(215, 110, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 110, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 110, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 110, 99);  
box-shadow:4px 4px 4px 4px rgb(215, 110,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4998, 0.4633, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 110, 99) }
```

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

```
.background{ background-color: rgb(215,  
110, 99) }
```

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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