

Converting Colors

$Yxy(26.8664, 0.4811, 0.3543)$

Have a look what the booklet for
Yxy(26.8664, 0.4811, 0.3543)
contains.

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Color

Yxy(26.9165, 0.4811, 0.3543)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DB6E58 |
| RGB | 219, 110, 88 |
| RGB Percent | 86%, 43%, 35% |
| CMY | 0.1412, 0.5686, 0.6548 |
| CMYK | 0.00, 0.50, 0.60, 0.14 |
| HSL | 10°, 65%, 60% |
| HSV | 10°, 60%, 86% |
| XYZ | 36.5496, 26.9165, 12.5048 |
| YIQ | 140.0830, 72.0260, 16.2660 |

Conversions

Conversions Part 2

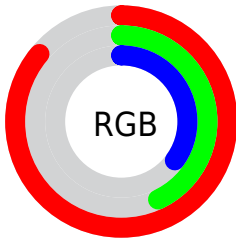
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 114, 88 |
| Decimal | 14380632 |
| CIE Lab | 58.90, 40.76, 31.92 |
| CIE LCh | 59, 51.772, 38.060 |
| Yxy | 26.9165, 0.4811, 0.3543 |
| Android (android.graphics.Color) | 4292570712 (0xFFDB6E58) |
| YUV | 140.0830, -25.6769, 69.2102 |
| Hunter-Lab | 51.8811, 34.9591, 22.0262 |

Details

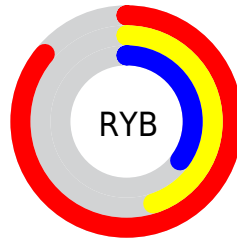
The Yxy color **26.9165, 0.4811, 0.3543** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **47.1207, 0.2327, 0.2981**, and the grayscale version is **26.3421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6459, 0.4244, 0.3565**, and **10.5642, 0.5380, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **23.0714, 0.5239, 0.3554**, and if you desaturate by 10%, it is **31.6819, 0.4409, 0.3512**.

Distribution



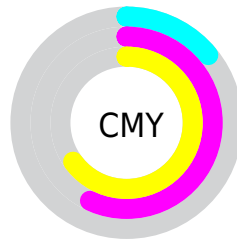
- Red (86%)
- Green (43%)
- Blue (35%)



- Red (86%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (14%)





- Cyan (14%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9165, 0.4811, 0.3543 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 26.9165, 0.4811, 0.3543 by changing the saturation by 10% instead.


 26.9165, 0.4811,
0.3543


 26.9165, 0.4811,
0.3543


287.2526, 0.3894,
0.3466


 17.5105, 0.5056,
0.3537


 54.7498, 0.4463,
0.3531


 10.5991, 0.5376,
0.3511


 73.9460, 0.4337,
0.3522

 5.7980, 0.5801,
0.3439


 97.1743, 0.4231,
0.3511

 2.7226, 0.6574,
0.3369

 124.8193, 0.4143,
0.3501

 0.9887, 0.7140,
0.2860

 157.2652, 0.4067,
0.3492

 0.0000, 1.0000,
0.0000

194.8964, 0.4001,

 0.0000, 0.0000,

0.3482

0.0000

238.0974, 0.3944,
0.3474

■ 26.9165, 0.4811,
0.3543

■ 26.9165, 0.4811,
0.3543

■ 23.0714, 0.5239,
0.3554

■ 31.6819, 0.4409,
0.3512

■ 20.0824, 0.5653,
0.3538

■ 37.4178, 0.4054,
0.3471

■ 17.8834, 0.6000,
0.3491

■ 44.1759, 0.3753,
0.3424

■ 16.3906, 0.6242,
0.3424

■ 52.0029, 0.3502,
0.3377

■ 16.3680, 0.6246,
0.3423

■ 60.9425, 0.3294,
0.3332

■ 71.0361, 0.3124,
0.3289

■ 82.3229, 0.2984,
0.3250

■ 93.7988, 0.2911,
0.3289

Harmonies

Analogous

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



26.9165, 0.4357, 0.2946



26.9165, 0.4811, 0.3543



26.9165, 0.4713, 0.4164

Triad

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



26.9165, 0.4811, 0.3543



26.9165, 0.2599, 0.4434



26.9165, 0.2038, 0.2006

Complementary

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



26.9165, 0.4811, 0.3543



47.1207, 0.2327, 0.2981

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.



26.9165, 0.1716, 0.2173



26.9165, 0.4811, 0.3543



26.9165, 0.1986, 0.3510

Square

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



26.9165, 0.4811, 0.3543



26.9165, 0.3402, 0.4891



26.9165, 0.1692, 0.2669



26.9165, 0.2660, 0.2109

Rectangle

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



26.9165, 0.4811, 0.3543



26.9165, 0.4390, 0.4545



26.9165, 0.1692, 0.2669



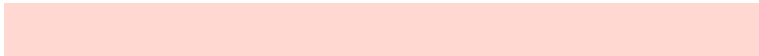
26.9165, 0.1898, 0.2030

Sweetspot

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



26.9179, 0.4811, 0.3543



75.3952, 0.3464, 0.3369



26.0796, 0.3436, 0.2093



15.3930, 0.3531, 0.3383



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.



26.9179, 0.4811, 0.3543



31.2685, 0.5359, 0.3553



46.5536, 0.4266, 0.4283



13.4031, 0.3287, 0.3330



9.8145, 0.6225, 0.3439



0.7459, 0.5934, 0.3670

Inverse Universe

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



47.1207, 0.2327, 0.2981



61.9763, 0.2220, 0.2904



23.6040, 0.2105, 0.1986



14.4379, 0.2982, 0.3250



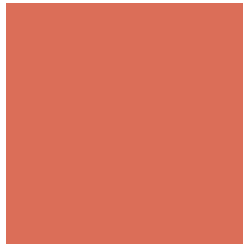
23.0643, 0.2097, 0.2748



1.5950, 0.2124, 0.2846

Previews

White Background



This preview shows how the Yxy color 26.9165, 0.4811, 0.3543 looks on a white background.

Color Contrast Check

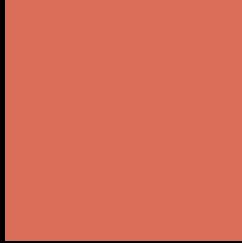
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9165, 0.4811, 0.3543 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 26.9165, 0.4811, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 26.9165, 0.4811, 0.3543.



This preview shows how white text looks on a background with the Yxy color 26.9165, 0.4811, 0.3543.

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

26.9165, 0.4811, 0.3543

Protanopia

27.0579, 0.3677, 0.3954

Deuteranopia

27.1171, 0.4139, 0.4067



Tritanopia

26.8951, 0.4524, 0.3201

Trichromacy



Original Color

26.9165, 0.4811, 0.3543

Protanomaly

26.1569, 0.4090, 0.3790

Deuteranomaly

26.7818, 0.4389, 0.3859

Tritanomaly

26.7510, 0.4629, 0.3318

Monochromacy



Original Color

26.9165, 0.4811, 0.3543

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5160, 0.3702, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9165, 0.4811, 0.3543 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(219, 110, 88)` looks like.

```
.text, #text, p{  
    color:rgb(219, 110, 88)  
}
```

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(219, 110, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 110, 88) }
```

Border

The CSS property to change the border of an element to Yxy 26.9165, 0.4811, 0.3543 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(219, 110, 88) }
```

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

```
.border{ border-color:rgb(219, 110, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 110, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 110, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 110, 88);  
box-shadow:4px 4px 4px 4px rgb(219, 110,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9165, 0.4811, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 110, 88) }
```

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

```
.background{ background-color: rgb(219,  
110, 88) }
```

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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