

Converting Colors

$Y_{xy}(25.9576, 0.4829, 0.3500)$

Have a look what the booklet for
Yxy(25.9576, 0.4829, 0.3500)
contains.

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Color

Yxy(25.9181, 0.4836, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	DA6A58
RGB	218, 106, 88
RGB Percent	85%, 42%, 35%
CMY	0.1450, 0.5843, 0.6549
CMYK	0.00, 0.51, 0.60, 0.15
HSL	8°, 64%, 60%
HSV	8°, 60%, 85%
XYZ	35.8319, 25.9181, 12.3441
YIQ	137.4360, 72.5300, 18.1460

Conversions

Conversions Part 2

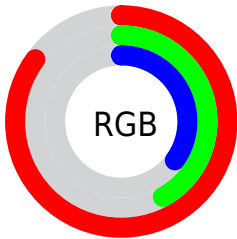
Format	Color
R _Y B	218, 109, 88
Decimal	14314072
CIE Lab	57.96, 42.41, 30.72
CIE LCh	58, 52.366, 35.917
Yxy	25.9181, 0.4836, 0.3498
Android (android.graphics.Color)	4292504152 (0xFFDA6A58)
YUV	137.4360, -24.3719, 70.6546
Hunter-Lab	50.9098, 36.5416, 21.2609

Details

The Yxy color **25.9181, 0.4836, 0.3498** 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 **48.4486, 0.2341, 0.3037**, and the grayscale version is **25.2635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2366, 0.4265, 0.3523**, and **10.0746, 0.5422, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **22.1545, 0.5275, 0.3506**, and if you desaturate by 10%, it is **30.6402, 0.4424, 0.3473**.

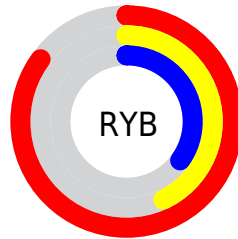
Distribution



Red (85%)

Green (42%)

Blue (35%)



Red (85%)

Yellow (43%)

Blue (35%)

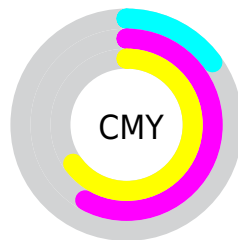


Cyan (0%)

Magenta (51%)

Yellow (60%)

Black (15%)



Cyan (15%)


Magenta (58%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9181, 0.4836, 0.3498 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 25.9181, 0.4836, 0.3498 by changing the saturation by 10% instead.


 25.9181, 0.4836,
0.3498


 25.9181, 0.4836,
0.3498


282.3798, 0.3899,
0.3445


 16.7624, 0.5089,
0.3486


 53.1428, 0.4479,
0.3495


 10.0652, 0.5421,
0.3450


 71.9806, 0.4350,
0.3489


 5.4422, 0.5864,
0.3366

 94.8145, 0.4242,
0.3481

 2.5090, 0.6694,
0.3283

 122.0289, 0.4152,
0.3474

 0.8811, 0.7274,
0.2726

 154.0082, 0.4075,
0.3466

 0.0000, 1.0000,
0.0000

191.1369, 0.4008,

 0.0000, 0.0000,

0.3458

0.0000

233.7993, 0.3950,
0.3451

■ 25.9181, 0.4836,
0.3498

■ 25.9181, 0.4836,
0.3498

■ 22.1545, 0.5275,
0.3506

■ 30.6402, 0.4424,
0.3473

■ 19.2792, 0.5698,
0.3490

■ 36.3763, 0.4061,
0.3439

■ 17.2193, 0.6047,
0.3448

■ 43.1823, 0.3755,
0.3400

■ 15.8825, 0.6280,
0.3392

■ 51.1092, 0.3500,
0.3361

■ 15.8461, 0.6287,
0.3390

■ 60.2043, 0.3292,
0.3324

■ 70.5126, 0.3122,
0.3289

■ 82.0763, 0.2982,
0.3257

■ 93.6477, 0.2906,
0.3289

Harmonies

Analogous

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



25.9181, 0.4334, 0.2896



25.9181, 0.4836, 0.3498



25.9181, 0.4770, 0.4131

Triad

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



25.9181, 0.4836, 0.3498



25.9181, 0.2639, 0.4521



25.9181, 0.1983, 0.1983

Complementary

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



25.9181, 0.4836, 0.3498



48.4486, 0.2341, 0.3037

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.



25.9181, 0.1677, 0.2173



25.9181, 0.4836, 0.3498



25.9181, 0.1995, 0.3585

Square

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



25.9181, 0.4836, 0.3498



25.9181, 0.3463, 0.4938



25.9181, 0.1674, 0.2703



25.9181, 0.2594, 0.2071

Rectangle

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



25.9181, 0.4836, 0.3498



25.9181, 0.4457, 0.4528



25.9181, 0.1674, 0.2703



25.9181, 0.1847, 0.2013

Sweetspot

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



25.9195, 0.4836, 0.3498



74.7023, 0.3467, 0.3356



26.0872, 0.3383, 0.2057



15.2272, 0.3534, 0.3367



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.



25.9195, 0.4836, 0.3498



30.2376, 0.5406, 0.3504



44.4886, 0.4295, 0.4235



13.3409, 0.3288, 0.3323



9.5838, 0.6269, 0.3404



0.7165, 0.6006, 0.3613

Inverse Universe

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



48.4486, 0.2341, 0.3037



64.9307, 0.2237, 0.2974



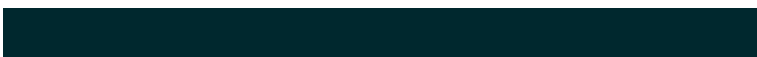
24.6510, 0.2123, 0.2057



14.5060, 0.2982, 0.3257



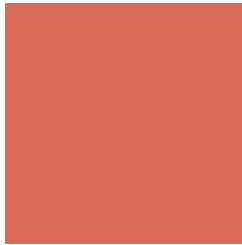
24.6496, 0.2124, 0.2847



1.6834, 0.2146, 0.2926

Previews

White Background



This preview shows how the Yxy color 25.9181, 0.4836, 0.3498 looks on a white background.

Color Contrast Check

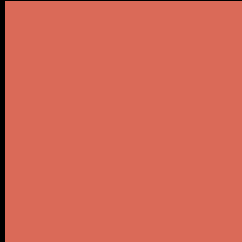
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9181, 0.4836, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

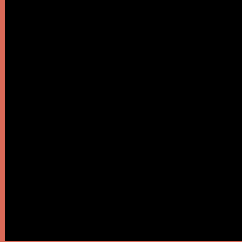
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9181, 0.4836, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 25.9181, 0.4836, 0.3498.



This preview shows how white text looks on a background with the Yxy color 25.9181, 0.4836, 0.3498.

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

25.9181, 0.4836, 0.3498

Protanopia

26.1995, 0.3641, 0.3916

Deuteranopia

25.9456, 0.4128, 0.4037



Tritanopia

25.8864, 0.4577, 0.3213

Trichromacy



Original Color

25.9181, 0.4836, 0.3498

Protanomaly

25.4154, 0.4068, 0.3752

Deuteranomaly

25.3866, 0.4390, 0.3814

Tritanomaly

25.9200, 0.4680, 0.3318

Monochromacy



Original Color

25.9181, 0.4836, 0.3498

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.3606, 0.3702, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9181, 0.4836, 0.3498 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(218, 106, 88)` looks like.

```
.text, #text, p{  
    color:rgb(218, 106, 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(218, 106, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 106, 88) }
```

Border

The CSS property to change the border of an element to Yxy 25.9181, 0.4836, 0.3498 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(218, 106, 88) }
```

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

```
.border{ border-color:rgb(218, 106, 88) }
```

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

Here you see how a box with a 4 pixel rgb(218, 106, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 106, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 106, 88);  
box-shadow:4px 4px 4px 4px rgb(218, 106,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9181, 0.4836, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 106, 88) }
```

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

```
.background{ background-color: rgb(218,  
106, 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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