

Converting Colors

$Y_{xy}(25.5723, 0.4176, 0.3917)$

Have a look what the booklet for
Yxy(25.5723, 0.4176, 0.3917)
contains.

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Color

Yxy(25.5026, 0.4176, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	AF8157
RGB	175, 129, 87
RGB Percent	69%, 51%, 34%
CMY	0.3137, 0.4941, 0.6588
CMYK	0.00, 0.26, 0.50, 0.31
HSL	29°, 35%, 51%
HSV	29°, 50%, 69%
XYZ	27.2515, 25.5026, 12.5033
YIQ	137.9660, 40.8980, -3.3100

Conversions

Conversions Part 2

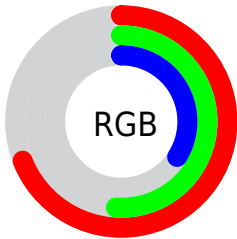
Format	Color
R_{YB}	175, 167, 87
Decimal	11501911
CIE Lab	57.56, 12.62, 29.62
CIE LCh	58, 32.197, 66.915
Yxy	25.5026, 0.4176, 0.3908
Android (android.graphics.Color)	4289691991 (0xFFAF8157)
YUV	137.9660, -25.1262, 32.4788
Hunter-Lab	50.5001, 7.9492, 20.6705

Details

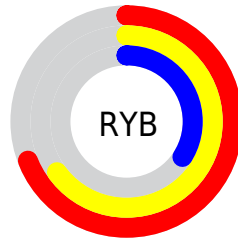
The Yxy color **25.5026, 0.4176, 0.3908** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.9004, 0.2341, 0.2556**, and the grayscale version is **25.4889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5857, 0.3964, 0.3801**, and **9.8836, 0.4541, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **22.9481, 0.4451, 0.4011**, and if you desaturate by 10%, it is **28.3448, 0.3918, 0.3789**.

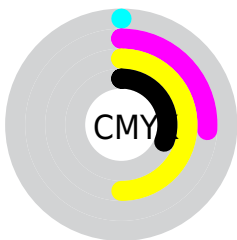
Distribution



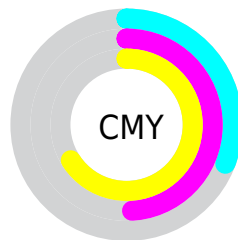
- Red (69%)
- Green (51%)
- Blue (34%)



- Red (69%)
- Yellow (65%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (50%)
- Black (31%)





- Cyan (31%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5026, 0.4176, 0.3908 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 25.5026, 0.4176, 0.3908 by changing the saturation by 10% instead.


 25.5026, 0.4176,
0.3908


 25.5026, 0.4176,
0.3908


280.3318, 0.3602,
0.3593


 16.4519, 0.4333,
0.3982


 52.4714, 0.3957,
0.3795


 9.8445, 0.4540,
0.4071


 71.1583, 0.3877,
0.3752

 5.2960, 0.4820,
0.4171

 93.8261, 0.3812,
0.3715

 2.4219, 0.5452,
0.4463

 120.8591, 0.3756,
0.3684

 0.8371, 0.5749,
0.4251

 152.6418, 0.3709,
0.3657

 0.0000, 1.0000,
0.0000

189.5586, 0.3669,

 0.0000, 0.0000,

0.3633

0.0000

231.9937, 0.3633,
0.3612

■ 25.5026, 0.4176,
0.3908

■ 25.5026, 0.4176,
0.3908

■ 22.9481, 0.4451,
0.4011

■ 28.3448, 0.3918,
0.3789

■ 20.6668, 0.4734,
0.4085

■ 31.4809, 0.3684,
0.3662

■ 18.6484, 0.5009,
0.4118

■ 34.9218, 0.3475,
0.3534

■ 16.8798, 0.5257,
0.4100

■ 38.6762, 0.3292,
0.3410

■ 15.3808, 0.5468,
0.4040

■ 42.7527, 0.3131,
0.3293

■ 47.1594, 0.2992,
0.3184

■ 51.9043, 0.2871,
0.3083

■ 56.9947, 0.2766,
0.2990

■ 62.4381, 0.2674,
0.2905

Harmonies

Analogous

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



25.5026, 0.4194, 0.3491



25.5026, 0.4176, 0.3908



25.5026, 0.3862, 0.4216

Triad

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



25.5026, 0.4176, 0.3908



25.5026, 0.2397, 0.3469



25.5026, 0.2816, 0.2481

Complementary

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



25.5026, 0.4176, 0.3908



21.9004, 0.2341, 0.2556

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.



25.5026, 0.2391, 0.2426



25.5026, 0.4176, 0.3908



25.5026, 0.2166, 0.2938

Square

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



25.5026, 0.4176, 0.3908



25.5026, 0.2829, 0.3995



25.5026, 0.2166, 0.2574



25.5026, 0.3367, 0.2710

Rectangle

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



25.5026, 0.4176, 0.3908



25.5026, 0.3543, 0.4293



25.5026, 0.2166, 0.2574



25.5026, 0.2655, 0.2441

Sweetspot

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



25.5038, 0.4176, 0.3908



65.8448, 0.3380, 0.3471



17.6515, 0.3753, 0.2610



14.3287, 0.3418, 0.3497



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.5038, 0.4176, 0.3908



40.7711, 0.4473, 0.4017



39.3374, 0.3869, 0.4454



8.6222, 0.3275, 0.3398



11.1351, 0.5450, 0.4055



0.4198, 0.4975, 0.4432

Inverse Universe

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



21.9004, 0.2341, 0.2556



33.5861, 0.2186, 0.2363



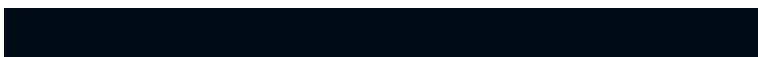
12.4235, 0.2192, 0.1777



8.4240, 0.2986, 0.3179



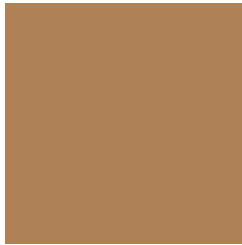
7.7588, 0.1800, 0.1680



0.3246, 0.1949, 0.2214

Previews

White Background



This preview shows how the Yxy color 25.5026, 0.4176, 0.3908 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 25.5026, 0.4176, 0.3908 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 25.5026, 0.4176, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 25.5026, 0.4176, 0.3908.



This preview shows how white text looks on a background with the Yxy color 25.5026, 0.4176, 0.3908.

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

25.5026, 0.4176, 0.3908

Protanopia

25.7046, 0.3761, 0.4079

Deuteranopia

25.3899, 0.4067, 0.3992



Tritanopia

25.4431, 0.3698, 0.3146

Trichromacy



Original Color

25.5026, 0.4176, 0.3908

Protanomaly

25.4371, 0.3905, 0.4005

Deuteranomaly

25.4505, 0.4111, 0.3967

Tritanomaly

25.3932, 0.3891, 0.3425

Monochromacy



Original Color

25.5026, 0.4176, 0.3908

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.2392, 0.3486, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5026, 0.4176, 0.3908 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(175, 129, 87)` looks like.

```
.text, #text, p{  
    color:rgb(175, 129, 87)  
}
```

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(175, 129, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 87) }
```

Border

The CSS property to change the border of an element to Yxy 25.5026, 0.4176, 0.3908 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(175, 129, 87) }
```

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

```
.border{ border-color:rgb(175, 129, 87) }
```

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

Here you see how a box with a 4 pixel rgb(175, 129, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 129, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 129, 87);  
box-shadow:4px 4px 4px 4px rgb(175, 129,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5026, 0.4176, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 129, 87) }
```

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

```
.background{ background-color: rgb(175,  
129, 87) }
```

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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