

Converting Colors

$Y_{xy}(25.7013, 0.4334, 0.3954)$

Have a look what the booklet for
Yxy(25.7013, 0.4334, 0.3954)
contains.

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Color

Yxy(25.5817, 0.4341, 0.3953)

Conversions

Conversions Part 1

Format	Color
Hex	B57F50
RGB	181, 127, 80
RGB Percent	71%, 50%, 31%
CMY	0.2902, 0.5019, 0.6864
CMYK	0.00, 0.30, 0.56, 0.29
HSL	28°, 41%, 51%
HSV	28°, 56%, 71%
XYZ	28.0926, 25.5817, 11.0403
YIQ	137.7880, 47.2710, -3.1690

Conversions

Conversions Part 2

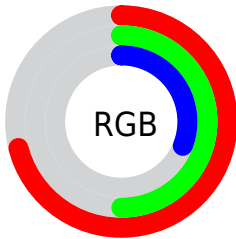
Format	Color
RYB	181, 168, 80
Decimal	11894608
CIELab	57.64, 15.65, 33.70
CIELCh	58, 37.159, 65.084
Yxy	25.5817, 0.4341, 0.3953
Android (android.graphics.Color)	4290084688 (0xFFB57F50)
YUV	137.7880, -28.4895, 37.8969
Hunter-Lab	50.5784, 10.6318, 22.4629

Details

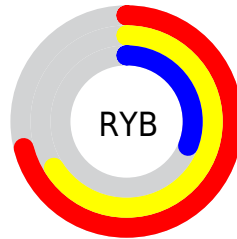
The Yxy color **25.5817, 0.4341, 0.3953** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.0805, 0.2262, 0.2476**, and the grayscale version is **25.4275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6049, 0.4087, 0.3843**, and **9.9186, 0.4749, 0.4111** is the 20% darker color. If you saturate the color by 10%, you get **22.9706, 0.4628, 0.4039**, and if you desaturate by 10%, it is **28.5074, 0.4068, 0.3844**.

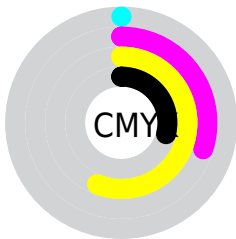
Distribution



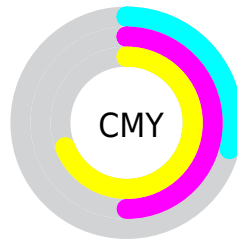
- Red (71%)
- Green (50%)
- Blue (31%)



- Red (71%)
- Yellow (66%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (56%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5817, 0.4341, 0.3953 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 25.5817, 0.4341, 0.3953 by changing the saturation by 10% instead.


 25.5817, 0.4341,
0.3953


 25.5817, 0.4341,
0.3953


280.7226, 0.3680,
0.3625


 16.5110, 0.4518,
0.4024


 52.5994, 0.4090,
0.3839

 9.8864, 0.4748,
0.4104


 71.3151, 0.3999,
0.3794

 5.3237, 0.5052,
0.4182

 94.0146, 0.3923,
0.3756

 2.4384, 0.5638,
0.4362

 121.0822, 0.3859,
0.3722

 0.8456, 0.5936,
0.4064

 152.9025, 0.3804,
0.3693

 0.0000, 1.0000,
0.0000

189.8597, 0.3757,

 0.0000, 0.0000,

0.3668

0.0000

232.3383, 0.3716,
0.3645

■ 25.5817, 0.4341,
0.3953

■ 25.5817, 0.4341,
0.3953

■ 22.9706, 0.4628,
0.4039

■ 28.5074, 0.4068,
0.3844

■ 20.6575, 0.4915,
0.4088

■ 31.7555, 0.3816,
0.3723

■ 18.6298, 0.5183,
0.4090

■ 35.3383, 0.3591,
0.3598

■ 16.8714, 0.5414,
0.4039

■ 39.2662, 0.3392,
0.3474

■ 16.2062, 0.5506,
0.4011

■ 43.5491, 0.3218,
0.3356

■ 48.1964, 0.3067,
0.3244

■ 53.2171, 0.2935,
0.3141

■ 58.6200, 0.2822,
0.3046

■ 64.4134, 0.2723,
0.2959

Harmonies

Analogous

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



25.5817, 0.4347, 0.3476



25.5817, 0.4341, 0.3953



25.5817, 0.3991, 0.4332

Triad

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



25.5817, 0.4341, 0.3953



25.5817, 0.2315, 0.3532



25.5817, 0.2732, 0.2365

Complementary

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



25.5817, 0.4341, 0.3953



22.0805, 0.2262, 0.2476

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.



25.5817, 0.2266, 0.2312



25.5817, 0.4341, 0.3953



25.5817, 0.2043, 0.2908

Square

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



25.5817, 0.4341, 0.3953



25.5817, 0.2813, 0.4145



25.5817, 0.2030, 0.2486



25.5817, 0.3359, 0.2611

Rectangle

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



25.5817, 0.4341, 0.3953



25.5817, 0.3629, 0.4448



25.5817, 0.2030, 0.2486



25.5817, 0.2554, 0.2324

Sweetspot

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



25.5830, 0.4341, 0.3953



69.2540, 0.3419, 0.3492



17.3211, 0.3831, 0.2520



14.6628, 0.3457, 0.3516



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.5830, 0.4341, 0.3953



40.1396, 0.4694, 0.4054



41.4333, 0.3952, 0.4546



9.1357, 0.3276, 0.3396



11.3084, 0.5485, 0.4027



0.4729, 0.5036, 0.4384

Inverse Universe

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



22.0805, 0.2262, 0.2476



33.2074, 0.2097, 0.2257



11.5407, 0.2081, 0.1612



8.9571, 0.2985, 0.3181



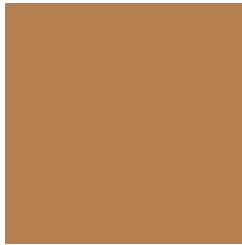
8.2996, 0.1810, 0.1717



0.3765, 0.1944, 0.2198

Previews

White Background



This preview shows how the Yxy color 25.5817, 0.4341, 0.3953 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 25.5817, 0.4341, 0.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

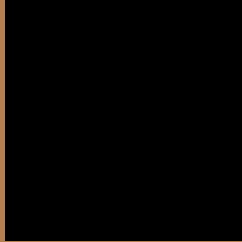
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5817, 0.4341, 0.3953

Background



This preview shows how black text looks on a background with the Yxy color 25.5817, 0.4341, 0.3953.



This preview shows how white text looks on a background with the Yxy color 25.5817, 0.4341, 0.3953.

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

25.5817, 0.4341, 0.3953

Protanopia

25.7807, 0.3856, 0.4180

Deuteranopia

25.5021, 0.4166, 0.4082



Tritanopia

25.6007, 0.3816, 0.3164

Trichromacy



Original Color

25.5817, 0.4341, 0.3953

Protanomaly

25.7390, 0.4028, 0.4093

Deuteranomaly

25.4140, 0.4231, 0.4038

Tritanomaly

25.5261, 0.4024, 0.3450

Monochromacy



Original Color

25.5817, 0.4341, 0.3953

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.2046, 0.3548, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5817, 0.4341, 0.3953 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(181, 127, 80)` looks like.

```
.text, #text, p{  
    color:rgb(181, 127, 80)  
}
```

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(181, 127, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 127, 80) }
```

Border

The CSS property to change the border of an element to Yxy 25.5817, 0.4341, 0.3953 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(181, 127, 80) }
```

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

```
.border{ border-color:rgb(181, 127, 80) }
```

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

Here you see how a box with a 4 pixel rgb(181, 127, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 127, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 127, 80);  
box-shadow:4px 4px 4px 4px rgb(181, 127,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5817, 0.4341, 0.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 127, 80) }
```

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

```
.background{ background-color: rgb(181,  
127, 80) }
```

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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