

Converting Colors

$Y_{xy}(25.4790, 0.4260, 0.3706)$

Have a look what the booklet for
Yxy(25.4790, 0.4260, 0.3706)
contains.

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Color

Yxy(25.5377, 0.4252, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	B97C5E
RGB	185, 124, 94
RGB Percent	73%, 49%, 37%
CMY	0.2746, 0.5136, 0.6314
CMYK	0.00, 0.33, 0.49, 0.27
HSL	20°, 39%, 55%
HSV	20°, 49%, 73%
XYZ	29.2292, 25.5377, 13.9753
YIQ	138.8190, 45.9860, 3.6020

Conversions

Conversions Part 2

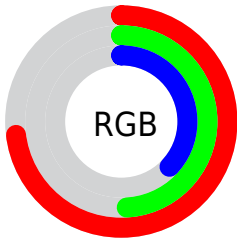
Format	Color
R _Y B	185, 139, 94
Decimal	12155998
CIE Lab	57.60, 20.27, 26.00
CIE LCh	58, 32.970, 52.064
Yxy	25.5377, 0.4252, 0.3715
Android (android.graphics.Color)	4290346078 (0xFFB97C5E)
YUV	138.8190, -22.0958, 40.5007
Hunter-Lab	50.5348, 14.8077, 18.9779

Details

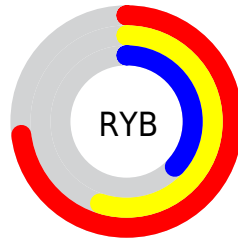
The Yxy color **25.5377, 0.4252, 0.3715** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.3005, 0.2398, 0.2801**, and the grayscale version is **25.8190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5433, 0.4007, 0.3643**, and **9.9045, 0.4656, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **22.3322, 0.4583, 0.3785**, and if you desaturate by 10%, it is **29.2156, 0.3954, 0.3631**.

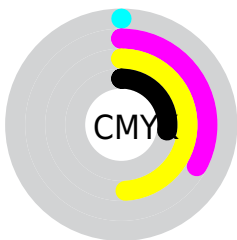
Distribution



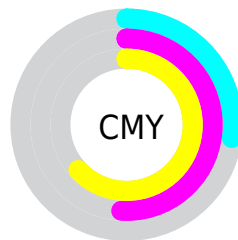
- Red (73%)
- Green (49%)
- Blue (37%)



- Red (73%)
- Yellow (55%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (49%)
- Black (27%)




- Cyan (27%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5377, 0.4252, 0.3715 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 25.5377, 0.4252, 0.3715 by changing the saturation by 10% instead.


 25.5377, 0.4252,
0.3715


 25.5377, 0.4252,
0.3715


280.5052, 0.3632,
0.3509


 16.4781, 0.4425,
0.3758


 52.5282, 0.4013,
0.3645

 9.8631, 0.4656,
0.3806


 71.2279, 0.3927,
0.3617

 5.3083, 0.4976,
0.3851

 93.9098, 0.3856,
0.3592

 2.4293, 0.5559,
0.3948

 120.9582, 0.3797,
0.3571

 0.8409, 0.6213,
0.3787

152.7575, 0.3746,
0.3553

 0.0000, 1.0000,
0.0000

189.6922, 0.3703,

 0.0000, 0.0000,

0.3537

0.0000

232.1467, 0.3665,
0.3522

■ 25.5377, 0.4252,
0.3715

■ 25.5377, 0.4252,
0.3715

■ 22.3322, 0.4583,
0.3785

■ 29.2156, 0.3954,
0.3631

■ 19.5750, 0.4934,
0.3829

■ 33.3810, 0.3693,
0.3541

■ 17.2456, 0.5284,
0.3836

■ 38.0528, 0.3468,
0.3451


■ 15.3199, 0.5602,
0.3796


■ 43.2479, 0.3277,
0.3365

■ 13.7663, 0.5865,
0.3715

■ 48.9824, 0.3115,
0.3284

 13.6543, 0.5886,
0.3708

 55.2715, 0.2978,
0.3208

 62.1299, 0.2861,
0.3140

 69.5718, 0.2762,
0.3077

 77.2542, 0.2704,
0.3077

Harmonies

Analogous

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



25.5377, 0.4103, 0.3276



25.5377, 0.4252, 0.3715



25.5377, 0.4069, 0.4102

Triad

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



25.5377, 0.4252, 0.3715



25.5377, 0.2578, 0.3757



25.5377, 0.2571, 0.2412

Complementary

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



25.5377, 0.4252, 0.3715



29.3005, 0.2398, 0.2801

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.



25.5377, 0.2234, 0.2454



25.5377, 0.4252, 0.3715



25.5377, 0.2233, 0.3183

Square

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



25.5377, 0.4252, 0.3715



25.5377, 0.3088, 0.4199



25.5377, 0.2116, 0.2714



25.5377, 0.3085, 0.2563

Rectangle

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



25.5377, 0.4252, 0.3715



25.5377, 0.3800, 0.4270



25.5377, 0.2116, 0.2714



25.5377, 0.2436, 0.2403

Sweetspot

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



25.5390, 0.4252, 0.3715



71.7347, 0.3389, 0.3417



20.7190, 0.3545, 0.2447



15.0540, 0.3431, 0.3435



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.5390, 0.4252, 0.3715



39.5998, 0.4610, 0.3789



39.2294, 0.3940, 0.4284



9.4836, 0.3280, 0.3366



9.4216, 0.5863, 0.3727



0.4486, 0.5351, 0.4133

Inverse Universe

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



29.3005, 0.2398, 0.2801



47.0310, 0.2262, 0.2672



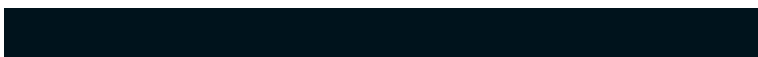
17.1768, 0.2253, 0.2035



9.6974, 0.2985, 0.3213



12.3258, 0.1941, 0.2189



0.5427, 0.2030, 0.2506

Previews

White Background



This preview shows how the Yxy color 25.5377, 0.4252, 0.3715 looks on a white background.

Color Contrast Check

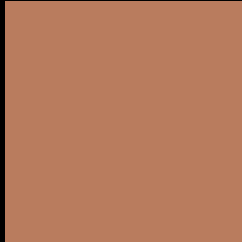
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5377, 0.4252, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

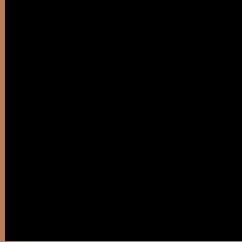
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5377, 0.4252, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 25.5377, 0.4252, 0.3715.



This preview shows how white text looks on a background with the Yxy color 25.5377, 0.4252, 0.3715.

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

25.5377, 0.4252, 0.3715

Protanopia

25.7749, 0.3655, 0.3937

Deuteranopia

25.6548, 0.3982, 0.3922



Tritanopia

25.4435, 0.3886, 0.3166

Trichromacy



Original Color

25.5377, 0.4252, 0.3715

Protanomaly

25.6134, 0.3860, 0.3858

Deuteranomaly

25.6398, 0.4077, 0.3844

Tritanomaly

25.5005, 0.4020, 0.3363

Monochromacy



Original Color

25.5377, 0.4252, 0.3715

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5482, 0.3504, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5377, 0.4252, 0.3715 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(185, 124, 94)` looks like.

```
.text, #text, p{  
    color:rgb(185, 124, 94)  
}
```

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(185, 124, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 124, 94) }
```

Border

The CSS property to change the border of an element to Yxy 25.5377, 0.4252, 0.3715 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(185, 124, 94) }
```

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

```
.border{ border-color:rgb(185, 124, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 124, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 124, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 124, 94);  
box-shadow:4px 4px 4px 4px rgb(185, 124,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5377, 0.4252, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 124, 94) }
```

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

```
.background{ background-color: rgb(185,  
124, 94) }
```

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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