

Converting Colors

$Y_{xy}(25.3250, 0.4508, 0.3868)$

Have a look what the booklet for
Yxy(25.3250, 0.4508, 0.3868)
contains.

Yxy(25.4163, 0.4512, 0.3878)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4163, 0.4512, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	BE7A4E
RGB	190, 122, 78
RGB Percent	75%, 48%, 31%
CMY	0.2549, 0.5216, 0.6942
CMYK	0.00, 0.36, 0.59, 0.25
HSL	24°, 46%, 53%
HSV	24°, 59%, 75%
XYZ	29.5715, 25.4163, 10.5519
YIQ	137.3160, 54.6520, 0.7320

Conversions

Conversions Part 2

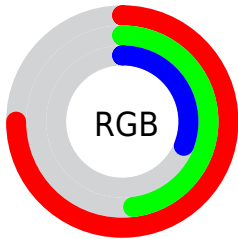
Format	Color
R_{YB}	190, 150, 78
Decimal	12483150
CIE Lab	57.48, 22.08, 34.82
CIE LCh	57, 41.235, 57.616
Yxy	25.4163, 0.4512, 0.3878
Android (android.graphics.Color)	4290673230 (0xFFBE7A4E)
YUV	137.3160, -29.2428, 46.2039
Hunter-Lab	50.4146, 16.4766, 22.8807

Details

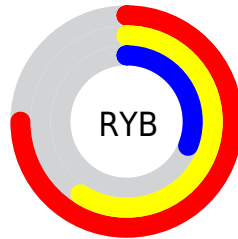
The Yxy color **25.4163, 0.4512, 0.3878** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25.8936, 0.2246, 0.2560**, and the grayscale version is **25.2398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3582, 0.4221, 0.3791**, and **9.8506, 0.4980, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **22.5166, 0.4835, 0.3937**, and if you desaturate by 10%, it is **28.7336, 0.4205, 0.3793**.

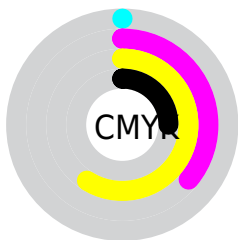
Distribution



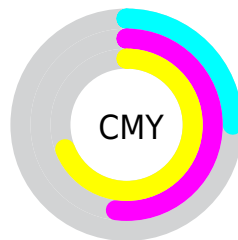
- Red (75%)
- Green (48%)
- Blue (31%)



- Red (75%)
- Yellow (59%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (59%)
- Black (25%)





- Cyan (25%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4163, 0.4512, 0.3878 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 25.4163, 0.4512, 0.3878 by changing the saturation by 10% instead.


 25.4163, 0.4512,
0.3878


 25.4163, 0.4512,
0.3878


279.9048, 0.3756,
0.3603


 16.3875, 0.4714,
0.3930


 52.3318, 0.4225,
0.3788


 9.7988, 0.4977,
0.3979


 70.9872, 0.4121,
0.3750

 5.2657, 0.5323,
0.4009

 93.6204, 0.4034,
0.3718

 2.4040, 0.5930,
0.4070

 120.6156, 0.3961,
0.3689

 0.8280, 0.6325,
0.3675

 152.3572, 0.3898,
0.3663

 0.0000, 1.0000,
0.0000

189.2297, 0.3845,

 0.0000, 0.0000,

0.3641

0.0000

231.6175, 0.3798,
0.3621

■ 25.4163, 0.4512,
0.3878

■ 25.4163, 0.4512,
0.3878

■ 22.5166, 0.4835,
0.3937

■ 28.7336, 0.4205,
0.3793

■ 20.0120, 0.5155,
0.3956

■ 32.4818, 0.3924,
0.3692

■ 17.8830, 0.5448,
0.3926

■ 36.6786, 0.3676,
0.3586

■ 16.1023, 0.5695,
0.3849

■ 41.3392, 0.3459,
0.3479

■ 15.9342, 0.5720,
0.3841

■ 46.4779, 0.3272,
0.3377

■ 52.1087, 0.3112,
0.3280

■ 58.2446, 0.2974,
0.3191

■ 64.8985, 0.2857,
0.3108

■ 72.0825, 0.2755,
0.3033

Harmonies

Analogous

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



25.4163, 0.4418, 0.3350



25.4163, 0.4512, 0.3878



25.4163, 0.4199, 0.4347

Triad

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



25.4163, 0.4512, 0.3878



25.4163, 0.2343, 0.3744



25.4163, 0.2540, 0.2241

Complementary

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



25.4163, 0.4512, 0.3878



25.8936, 0.2246, 0.2560

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.



25.4163, 0.2092, 0.2238



25.4163, 0.4512, 0.3878



25.4163, 0.1983, 0.3014

Square

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



25.4163, 0.4512, 0.3878



25.4163, 0.2935, 0.4380



25.4163, 0.1903, 0.2487



25.4163, 0.3199, 0.2461

Rectangle

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



25.4163, 0.4512, 0.3878



25.4163, 0.3830, 0.4546



25.4163, 0.1903, 0.2487



25.4163, 0.2363, 0.2214

Sweetspot

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



25.4176, 0.4512, 0.3878



75.4961, 0.3446, 0.3472



18.5039, 0.3777, 0.2391



16.0083, 0.3506, 0.3503



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.4176, 0.4512, 0.3878



39.2733, 0.4939, 0.3948



42.9194, 0.4046, 0.4532



10.1348, 0.3279, 0.3381



10.7374, 0.5696, 0.3859



0.5486, 0.5255, 0.4210

Inverse Universe

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



25.8936, 0.2246, 0.2560



40.0842, 0.2091, 0.2362



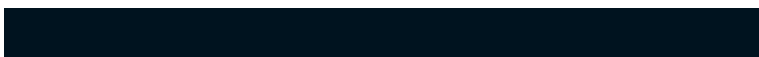
12.8288, 0.2039, 0.1617



10.1630, 0.2984, 0.3198



10.8345, 0.1879, 0.1965



0.5484, 0.1977, 0.2318

Previews

White Background



This preview shows how the Yxy color 25.4163, 0.4512, 0.3878 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 25.4163, 0.4512, 0.3878 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 25.4163, 0.4512, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 25.4163, 0.4512, 0.3878.



This preview shows how white text looks on a background with the Yxy color 25.4163, 0.4512, 0.3878.

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

25.4163, 0.4512, 0.3878

Protanopia

25.3964, 0.3851, 0.4170

Deuteranopia

25.4593, 0.4196, 0.4122



Tritanopia

25.3089, 0.4000, 0.3169

Trichromacy



Original Color

25.4163, 0.4512, 0.3878

Protanomaly

25.1111, 0.4086, 0.4057

Deuteranomaly

25.3213, 0.4317, 0.4020

Tritanomaly

25.2460, 0.4202, 0.3430

Monochromacy



Original Color

25.4163, 0.4512, 0.3878

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8314, 0.3591, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4163, 0.4512, 0.3878 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(190, 122, 78)` looks like.

```
.text, #text, p{  
    color:rgb(190, 122, 78)  
}
```

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(190, 122, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 122, 78) }
```

Border

The CSS property to change the border of an element to Yxy 25.4163, 0.4512, 0.3878 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(190, 122, 78) }
```

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

```
.border{ border-color:rgb(190, 122, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 122, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 122, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 122, 78);  
box-shadow:4px 4px 4px 4px rgb(190, 122,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4163, 0.4512, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 122, 78) }
```

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

```
.background{ background-color: rgb(190,  
122, 78) }
```

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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