

Converting Colors

$Y_{xy}(24.9440, 0.4519, 0.4092)$

Have a look what the booklet for
Yxy(24.9440, 0.4519, 0.4092)
contains.

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Color

$\text{Yxy}(25.0057, 0.4516, 0.4090)$

Conversions

Conversions Part 1

Format	Color
Hex	B67D42
RGB	182, 125, 66
RGB Percent	71%, 49%, 26%
CMY	0.2862, 0.5098, 0.7412
CMYK	0.00, 0.31, 0.64, 0.29
HSL	31°, 47%, 49%
HSV	31°, 64%, 71%
XYZ	27.6102, 25.0057, 8.5227
YIQ	135.3170, 52.9110, -6.2650

Conversions

Conversions Part 2

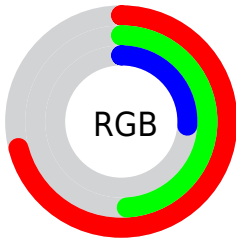
Format	Color
RYB	178, 182, 66
Decimal	11959618
CIELab	57.08, 16.14, 40.45
CIELCh	57, 43.549, 68.250
Yxy	25.0057, 0.4516, 0.4090
Android (android.graphics.Color)	4290149698 (0xFFB67D42)
YUV	135.3170, -34.1733, 40.9410
Hunter-Lab	50.0057, 11.0472, 24.8989

Details

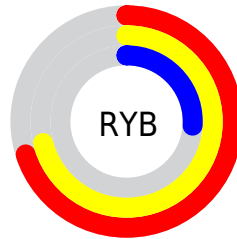
The Yxy color **25.0057, 0.4516, 0.4090** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.7003, 0.2131, 0.2242**, and the grayscale version is **24.4675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8025, 0.4233, 0.3962**, and **9.5725, 0.4944, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **22.6620, 0.4784, 0.4157**, and if you desaturate by 10%, it is **27.6241, 0.4248, 0.3989**.

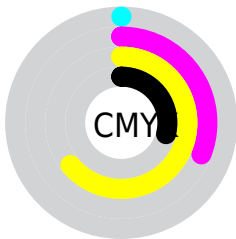
Distribution



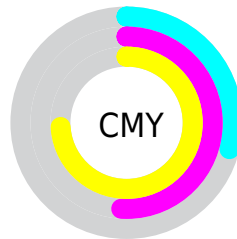
- Red (71%)
- Green (49%)
- Blue (26%)



- Red (70%)
- Yellow (71%)
- Blue (26%)



- Cyan (0%)
- Magenta (31%)
- Yellow (64%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0057, 0.4516, 0.4090 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 25.0057, 0.4516, 0.4090 by changing the saturation by 10% instead.

 25.0057, 0.4516,
0.4090


 25.0057, 0.4516,
0.4090


277.8663, 0.3767,
0.3703


 16.0813, 0.4709,
0.4167


 51.6665, 0.4236,
0.3960


 9.5817, 0.4951,
0.4246


 70.1716, 0.4133,
0.3907


 5.1225, 0.5293,
0.4337

 92.6392, 0.4046,
0.3861

 2.3193, 0.5673,
0.4327

 119.4535, 0.3973,
0.3821

 0.7839, 0.5999,
0.4001

 150.9990, 0.3911,
0.3786

 0.0000, 1.0000,
0.0000

187.6600, 0.3856,

 0.0000, 0.0000,

0.3755

0.0000

229.8210, 0.3809,
0.3727

■ 25.0057, 0.4516,
0.4090

■ 25.0057, 0.4516,
0.4090

■ 22.6620, 0.4784,
0.4157

■ 27.6241, 0.4248,
0.3989

■ 20.5772, 0.5036,
0.4179

■ 30.5245, 0.3992,
0.3867

■ 18.7388, 0.5255,
0.4148

■ 33.7183, 0.3756,
0.3733

■ 17.7015, 0.5380,
0.4110

■ 37.2151, 0.3542,
0.3597

■ 41.0240, 0.3352,
0.3464

■ 45.1534, 0.3184,
0.3336

■ 49.6117, 0.3038,
0.3216

■ 54.4066, 0.2910,
0.3105

■ 59.5458, 0.2798,
0.3002

Harmonies

Analogous

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



25.0057, 0.4586, 0.3542



25.0057, 0.4516, 0.4090



25.0057, 0.4059, 0.4535

Triad

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



25.0057, 0.4516, 0.4090



25.0057, 0.2130, 0.3484



25.0057, 0.2730, 0.2245

Complementary

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



25.0057, 0.4516, 0.4090



18.7003, 0.2131, 0.2242

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.



25.0057, 0.2173, 0.2155



25.0057, 0.4516, 0.4090



25.0057, 0.1859, 0.2761

Square

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



25.0057, 0.4516, 0.4090



25.0057, 0.2677, 0.4253



25.0057, 0.1878, 0.2314



25.0057, 0.3476, 0.2545

Rectangle

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



25.0057, 0.4516, 0.4090



25.0057, 0.3622, 0.4668



25.0057, 0.1878, 0.2314



25.0057, 0.2517, 0.2190

Sweetspot

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



25.0070, 0.4516, 0.4090



70.4461, 0.3455, 0.3537



15.2962, 0.4086, 0.2512



15.1312, 0.3511, 0.3576



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.



25.0070, 0.4516, 0.4090



39.6903, 0.4875, 0.4171



43.8007, 0.4002, 0.4737



9.7470, 0.3275, 0.3406



12.6322, 0.5363, 0.4124



0.5689, 0.4984, 0.4424

Inverse Universe

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



18.7003, 0.2131, 0.2242



27.3872, 0.1961, 0.1975



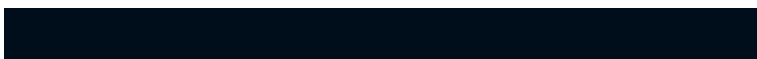
8.4300, 0.1906, 0.1272



9.4285, 0.2985, 0.3171



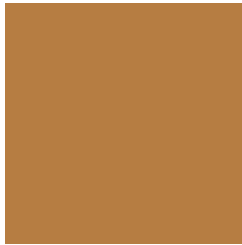
7.6136, 0.1770, 0.1571



0.3923, 0.1903, 0.2049

Previews

White Background



This preview shows how the Yxy color 25.0057, 0.4516, 0.4090 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 25.0057, 0.4516, 0.4090 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 25.0057, 0.4516, 0.4090

Background



This preview shows how black text looks on a background with the Yxy color 25.0057, 0.4516, 0.4090.



This preview shows how white text looks on a background with the Yxy color 25.0057, 0.4516, 0.4090.

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

25.0057, 0.4516, 0.4090

Protanopia

25.2946, 0.3997, 0.4369

Deuteranopia

25.1603, 0.4324, 0.4242



Tritanopia

24.9283, 0.3880, 0.3165

Trichromacy



Original Color

25.0057, 0.4516, 0.4090

Protanomaly

24.9913, 0.4184, 0.4256

Deuteranomaly

25.0808, 0.4391, 0.4194

Tritanomaly

25.0090, 0.4137, 0.3520

Monochromacy



Original Color

25.0057, 0.4516, 0.4090

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.0338, 0.3616, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0057, 0.4516, 0.4090 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(182, 125, 66)` looks like.

```
.text, #text, p{  
    color:rgb(182, 125, 66)  
}
```

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(182, 125, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 125, 66) }
```

Border

The CSS property to change the border of an element to Yxy 25.0057, 0.4516, 0.4090 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(182, 125, 66) }
```

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

```
.border{ border-color:rgb(182, 125, 66) }
```

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

Here you see how a box with a 4 pixel rgb(182, 125, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 125, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 125, 66);  
box-shadow:4px 4px 4px 4px rgb(182, 125,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0057, 0.4516, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 125, 66) }
```

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

```
.background{ background-color: rgb(182,  
125, 66) }
```

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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