

Converting Colors

$Y_{xy}(25.1087, 0.4644, 0.4080)$

Have a look what the booklet for
Yxy(25.1087, 0.4644, 0.4080)
contains.

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Color

Yxy(25.2051, 0.4642, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	BC7B3E
RGB	188, 123, 62
RGB Percent	74%, 48%, 24%
CMY	0.2628, 0.5176, 0.7568
CMYK	0.00, 0.35, 0.67, 0.26
HSL	29°, 50%, 49%
HSV	29°, 67%, 74%
XYZ	28.6910, 25.2051, 7.9114
YIQ	135.4810, 58.3210, -5.1910

Conversions

Conversions Part 2

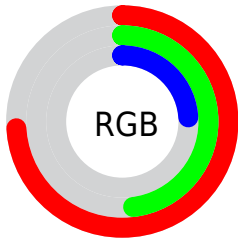
Format	Color
R _Y B	188, 180, 62
Decimal	12352318
CIE Lab	57.27, 19.57, 42.88
CIE LCh	57, 47.133, 65.470
Yxy	25.2051, 0.4642, 0.4078
Android (android.graphics.Color)	4290542398 (0xFFBC7B3E)
YUV	135.4810, -36.2261, 46.0592
Hunter-Lab	50.2047, 14.1512, 25.8002

Details

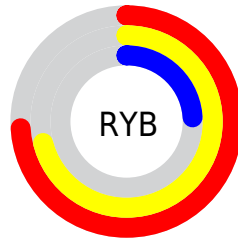
The Yxy color **25.2051, 0.4642, 0.4078** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.8334, 0.2098, 0.2231**, and the grayscale version is **24.5390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1770, 0.4339, 0.3961**, and **9.6699, 0.5099, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **22.7462, 0.4919, 0.4126**, and if you desaturate by 10%, it is **27.9763, 0.4361, 0.3992**.

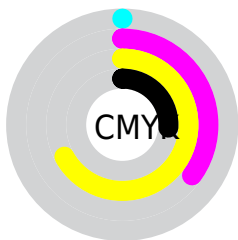
Distribution



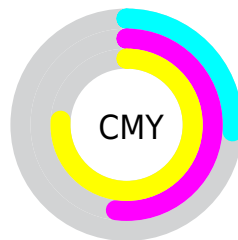
- Red (74%)
- Green (48%)
- Blue (24%)



- Red (74%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (67%)
- Black (26%)





- Cyan (26%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2051, 0.4642, 0.4078 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 25.2051, 0.4642, 0.4078 by changing the saturation by 10% instead.


 25.2051, 0.4642,
0.4078


 25.2051, 0.4642,
0.4078


278.8578, 0.3829,
0.3710


 16.2299, 0.4848,
0.4143


 51.9898, 0.4340,
0.3959


 9.6870, 0.5104,
0.4202


 70.5680, 0.4228,
0.3910

 5.1919, 0.5484,
0.4277


 93.1161, 0.4134,
0.3866

 2.3603, 0.5825,
0.4175

 120.0185, 0.4054,
0.3827

 0.8054, 0.6193,
0.3807

 151.6594, 0.3986,
0.3792

 0.0000, 1.0000,
0.0000

 188.4233, 0.3926,

 0.0000, 0.0000,

0.3762

0.0000

230.6947, 0.3875,
0.3735

■ 25.2051, 0.4642,
0.4078

■ 25.2051, 0.4642,
0.4078

■ 22.7462, 0.4919,
0.4126

■ 27.9763, 0.4361,
0.3992

■ 20.5812, 0.5174,
0.4125

■ 31.0693, 0.4091,
0.3881

■ 18.6933, 0.5393,
0.4071

■ 34.4974, 0.3841,
0.3756

■ 18.1765, 0.5455,
0.4050

■ 38.2723, 0.3615,
0.3626

■ 42.4045, 0.3414,
0.3497

■ 46.9045, 0.3237,
0.3373

■ 51.7819, 0.3083,
0.3256

■ 57.0462, 0.2950,
0.3147

■ 62.7062, 0.2833,
0.3047

Harmonies

Analogous

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



25.2051, 0.4681, 0.3491



25.2051, 0.4642, 0.4078



25.2051, 0.4175, 0.4585

Triad

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



25.2051, 0.4642, 0.4078



25.2051, 0.2098, 0.3577



25.2051, 0.2632, 0.2159

Complementary

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



25.2051, 0.4642, 0.4078



19.8334, 0.2098, 0.2231

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.



25.2051, 0.2066, 0.2083



25.2051, 0.4642, 0.4078



25.2051, 0.1788, 0.2774

Square

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



25.2051, 0.4642, 0.4078



25.2051, 0.2702, 0.4404



25.2051, 0.1783, 0.2272



25.2051, 0.3422, 0.2457

Rectangle

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



25.2051, 0.4642, 0.4078



25.2051, 0.3715, 0.4770



25.2051, 0.1783, 0.2272



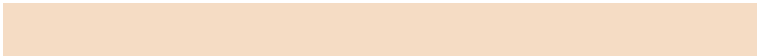
25.2051, 0.2413, 0.2107

Sweetspot

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



25.2064, 0.4642, 0.4078



74.3023, 0.3478, 0.3539



15.6721, 0.4127, 0.2459



15.5245, 0.3534, 0.3576



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.2064, 0.4642, 0.4078



39.4772, 0.5032, 0.4132



46.1129, 0.4050, 0.4771



10.2782, 0.3277, 0.3401



12.5236, 0.5436, 0.4066



0.6216, 0.5062, 0.4362

Inverse Universe

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



19.8334, 0.2098, 0.2231



29.0394, 0.1934, 0.1962



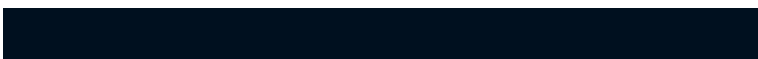
8.3342, 0.1850, 0.1195



10.0174, 0.2984, 0.3176



8.4397, 0.1792, 0.1650



0.4611, 0.1910, 0.2076

Previews

White Background



This preview shows how the Yxy color 25.2051, 0.4642, 0.4078 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 25.2051, 0.4642, 0.4078 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 25.2051, 0.4642, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 25.2051, 0.4642, 0.4078.



This preview shows how white text looks on a background with the Yxy color 25.2051, 0.4642, 0.4078.

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

25.2051, 0.4642, 0.4078

Protanopia

25.3545, 0.4036, 0.4404

Deuteranopia

25.2168, 0.4380, 0.4294



Tritanopia

25.1779, 0.3988, 0.3169

Trichromacy



Original Color

25.2051, 0.4642, 0.4078

Protanomaly

25.2637, 0.4257, 0.4290

Deuteranomaly

25.1224, 0.4473, 0.4210

Tritanomaly

25.2293, 0.4260, 0.3526

Monochromacy



Original Color

25.2051, 0.4642, 0.4078

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1853, 0.3664, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2051, 0.4642, 0.4078 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(188, 123, 62)` looks like.

```
.text, #text, p{  
    color:rgb(188, 123, 62)  
}
```

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(188, 123, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 123, 62) }
```

Border

The CSS property to change the border of an element to Yxy 25.2051, 0.4642, 0.4078 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(188, 123, 62) }
```

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

```
.border{ border-color:rgb(188, 123, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 123, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 123, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 123, 62);  
box-shadow:4px 4px 4px 4px rgb(188, 123,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2051, 0.4642, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 123, 62) }
```

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

```
.background{ background-color: rgb(188,  
123, 62) }
```

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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