

Converting Colors

$Y_{xy}(25.8151, 0.4488, 0.3961)$

Have a look what the booklet for
Yxy(25.8151, 0.4488, 0.3961)
contains.

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Color

Yxy(25.8666, 0.4493, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	BC7D4B
RGB	188, 125, 75
RGB Percent	74%, 49%, 29%
CMY	0.2626, 0.5098, 0.7058
CMYK	0.00, 0.34, 0.60, 0.26
HSL	27°, 46%, 52%
HSV	27°, 60%, 74%
XYZ	29.3481, 25.8666, 10.1050
YIQ	138.1370, 53.5980, -2.1940

Conversions

Conversions Part 2

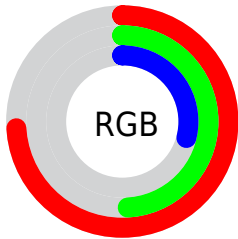
Format	Color
R _Y B	188, 165, 75
Decimal	12352843
CIE Lab	57.91, 19.37, 36.88
CIE LCh	58, 41.659, 62.292
Yxy	25.8666, 0.4493, 0.3960
Android (android.graphics.Color)	4290542923 (0xFFBC7D4B)
YUV	138.1370, -31.1265, 43.7299
Hunter-Lab	50.8592, 13.9992, 23.8214

Details

The Yxy color **25.8666, 0.4493, 0.3960** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.3204, 0.2210, 0.2445**, and the grayscale version is **25.5777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0956, 0.4212, 0.3857**, and **10.0780, 0.4934, 0.4091** is the 20% darker color. If you saturate the color by 10%, you get **23.1308, 0.4793, 0.4026**, and if you desaturate by 10%, it is **28.9615, 0.4203, 0.3865**.

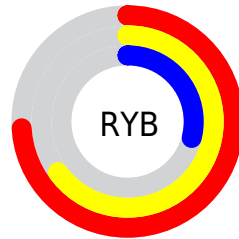
Distribution



Red (74%)

Green (49%)

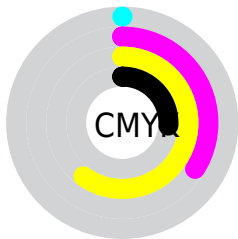
Blue (29%)



Red (74%)

Yellow (65%)

Blue (29%)

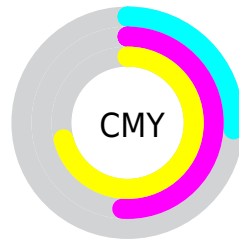


Cyan (0%)

Magenta (34%)

Yellow (60%)

Black (26%)



Cyan (26%)

Magenta (51%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8666, 0.4493, 0.3960 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 25.8666, 0.4493, 0.3960 by changing the saturation by 10% instead.

 25.8666, 0.4493,
0.3960


 25.8666, 0.4493,
0.3960


282.1266, 0.3753,
0.3641


 16.7239, 0.4688,
0.4022


 53.0597, 0.4214,
0.3854


 10.0378, 0.4938,
0.4086


 71.8788, 0.4112,
0.3810

 5.4240, 0.5265,
0.4136

 94.6922, 0.4027,
0.3772

 2.4981, 0.5799,
0.4201

 121.8842, 0.3955,
0.3739

 0.8757, 0.6144,
0.3856

 153.8392, 0.3893,
0.3710

 0.0000, 1.0000,
0.0000

190.9417, 0.3840,

 0.0000, 0.0000,

0.3684

0.0000

233.5761, 0.3794,
0.3661

■ 25.8666, 0.4493,
0.3960

■ 25.8666, 0.4493,
0.3960

■ 23.1308, 0.4793,
0.4026

■ 28.9615, 0.4203,
0.3865

■ 20.7346, 0.5087,
0.4051

■ 32.4260, 0.3933,
0.3754

■ 18.6620, 0.5352,
0.4024

■ 36.2748, 0.3691,
0.3635

■ 16.9041, 0.5578,
0.3953

■ 40.5205, 0.3477,
0.3516

■ 45.1750, 0.3291,
0.3400

■ 50.2499, 0.3129,
0.3291

■ 55.7561, 0.2989,
0.3189

■ 61.7040, 0.2868,
0.3096

■ 68.1037, 0.2764,
0.3010

Harmonies

Analogous

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



25.8666, 0.4467, 0.3432



25.8666, 0.4493, 0.3960



25.8666, 0.4125, 0.4409

Triad

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



25.8666, 0.4493, 0.3960



25.8666, 0.2265, 0.3628



25.8666, 0.2629, 0.2258

Complementary

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



25.8666, 0.4493, 0.3960



23.3204, 0.2210, 0.2445

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.



25.8666, 0.2142, 0.2218



25.8666, 0.4493, 0.3960



25.8666, 0.1948, 0.2912

Square

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



25.8666, 0.4493, 0.3960



25.8666, 0.2831, 0.4308



25.8666, 0.1910, 0.2426



25.8666, 0.3313, 0.2509

Rectangle

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



25.8666, 0.4493, 0.3960



25.8666, 0.3733, 0.4576



25.8666, 0.1910, 0.2426



25.8666, 0.2440, 0.2220

Sweetspot

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



25.8679, 0.4493, 0.3960



74.8840, 0.3441, 0.3494



17.5947, 0.3885, 0.2447



15.5965, 0.3500, 0.3529



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.



25.8679, 0.4493, 0.3960



40.5087, 0.4885, 0.4039



44.0452, 0.4020, 0.4606



10.2120, 0.3278, 0.3392



11.6488, 0.5557, 0.3970



0.5868, 0.5150, 0.4293

Inverse Universe

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



23.3204, 0.2210, 0.2445



35.4142, 0.2049, 0.2221



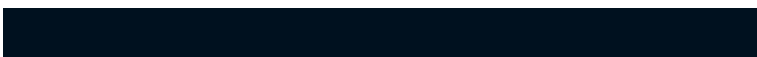
11.2462, 0.1999, 0.1494



10.0841, 0.2984, 0.3186



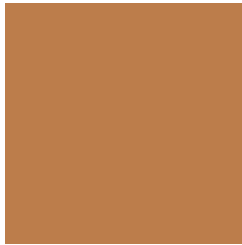
9.4821, 0.1832, 0.1793



0.4999, 0.1941, 0.2187

Previews

White Background



This preview shows how the Yxy color 25.8666, 0.4493, 0.3960 looks on a white background.

Color Contrast Check

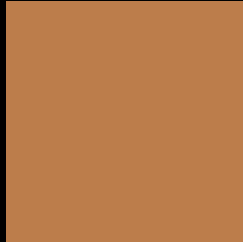
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8666, 0.4493, 0.3960 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 25.8666, 0.4493, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 25.8666, 0.4493, 0.3960.



This preview shows how white text looks on a background with the Yxy color 25.8666, 0.4493, 0.3960.

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

25.8666, 0.4493, 0.3960

Protanopia

26.1077, 0.3900, 0.4250

Deuteranopia

25.9140, 0.4241, 0.4165



Tritanopia

25.9586, 0.3934, 0.3169

Trichromacy



Original Color

25.8666, 0.4493, 0.3960

Protanomaly

25.9850, 0.4115, 0.4150

Deuteranomaly

25.8068, 0.4329, 0.4085

Tritanomaly

25.8552, 0.4158, 0.3458

Monochromacy



Original Color

25.8666, 0.4493, 0.3960

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.0808, 0.3599, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8666, 0.4493, 0.3960 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, 125, 75)` looks like.

```
.text, #text, p{  
    color:rgb(188, 125, 75)  
}
```

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, 125, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 125, 75) }
```

Border

The CSS property to change the border of an element to Yxy 25.8666, 0.4493, 0.3960 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, 125, 75) }
```

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

```
.border{ border-color:rgb(188, 125, 75) }
```

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

Here you see how a box with a 4 pixel rgb(188, 125, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 125, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 125, 75);  
box-shadow:4px 4px 4px 4px rgb(188, 125,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8666, 0.4493, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 125, 75) }
```

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

```
.background{ background-color: rgb(188,  
125, 75) }
```

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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