

Converting Colors

$Y_{xy}(25.3004, 0.4145, 0.3511)$

Have a look what the booklet for
Yxy(25.3004, 0.4145, 0.3511)
contains.

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Color

Yxy(25.2801, 0.4149, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	BB796A
RGB	187, 121, 106
RGB Percent	73%, 47%, 42%
CMY	0.2666, 0.5255, 0.5844
CMYK	0.00, 0.35, 0.43, 0.27
HSL	11°, 37%, 57%
HSV	11°, 43%, 73%
XYZ	29.9335, 25.2801, 16.9328
YIQ	139.0240, 44.1510, 9.3270

Conversions

Conversions Part 2

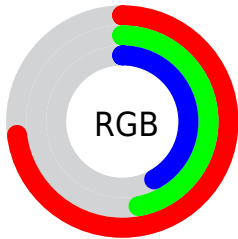
Format	Color
R_{YB}	187, 124, 106
Decimal	12286314
CIE _{Lab}	57.35, 24.03, 18.91
CIE _{LCh}	57, 30.576, 38.200
Yxy	25.2801, 0.4149, 0.3504
Android (android.graphics.Color)	4290476394 (0xFFBB796A)
YUV	139.0240, -16.2808, 42.0750
Hunter-Lab	50.2793, 18.2803, 15.2282

Details

The Yxy color **25.2801, 0.4149, 0.3504** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.1537, 0.2509, 0.3057**, and the grayscale version is **25.8798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1189, 0.3929, 0.3478**, and **9.7758, 0.4515, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **21.5187, 0.4510, 0.3547**, and if you desaturate by 10%, it is **29.7136, 0.3838, 0.3454**.

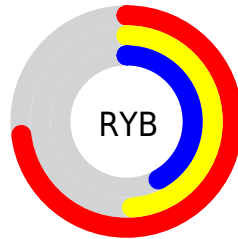
Distribution



Red (73%)

Green (47%)

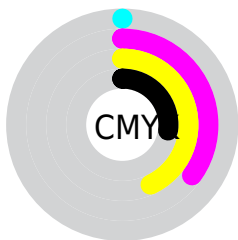
Blue (42%)



Red (73%)

Yellow (49%)

Blue (42%)

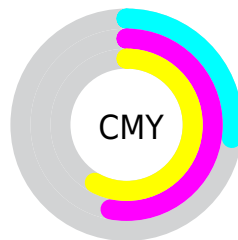


Cyan (0%)

Magenta (35%)

Yellow (43%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2801, 0.4149, 0.3504 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 25.2801, 0.4149, 0.3504 by changing the saturation by 10% instead.


 25.2801, 0.4149,
0.3504


 25.2801, 0.4149,
0.3504


279.2300, 0.3581,
0.3407


 16.2859, 0.4311,
0.3522


 52.1113, 0.3928,
0.3473


 9.7267, 0.4531,
0.3538


 70.7170, 0.3850,
0.3460

 5.2181, 0.4845,
0.3546

 93.2953, 0.3785,
0.3448

 2.3758, 0.5331,
0.3527

 120.2306, 0.3731,
0.3438

 0.8134, 0.6443,
0.3557

151.9074, 0.3685,
0.3429

 0.0000, 1.0000,
0.0000

188.7099, 0.3646,

 0.0000, 0.0000,

0.3421

0.0000

231.0227, 0.3611,
0.3414

■ 25.2801, 0.4149,
0.3504

■ 25.2801, 0.4149,
0.3504

■ 21.5187, 0.4510,
0.3547

■ 29.7136, 0.3838,
0.3454

■ 18.3928, 0.4911,
0.3576

■ 34.8461, 0.3576,
0.3403

■ 15.8678, 0.5329,
0.3582


■ 40.7076, 0.3359,
0.3352


■ 13.9041, 0.5722,
0.3558

■ 47.3253, 0.3180,
0.3305


■ 12.4574, 0.6040,
0.3500


■ 54.7248, 0.3031,
0.3261

 11.7483, 0.6204,
0.3456

 62.9306, 0.2909,
0.3221

 71.9663, 0.2806,
0.3185

 81.8159, 0.2724,
0.3158

 89.3061, 0.2736,
0.3289

Harmonies

Analogous

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



25.2801, 0.3871, 0.3096



25.2801, 0.4149, 0.3504



25.2801, 0.4120, 0.3900

Triad

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



25.2801, 0.4149, 0.3504



25.2801, 0.2824, 0.3940



25.2801, 0.2438, 0.2461

Complementary

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



25.2801, 0.4149, 0.3504



36.1537, 0.2509, 0.3057

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.



25.2801, 0.2212, 0.2597



25.2801, 0.4149, 0.3504



25.2801, 0.2417, 0.3439

Square

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



25.2801, 0.4149, 0.3504



25.2801, 0.3335, 0.4222



25.2801, 0.2203, 0.2938



25.2801, 0.2853, 0.2521

Rectangle

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



25.2801, 0.4149, 0.3504



25.2801, 0.3941, 0.4108



25.2801, 0.2203, 0.2938



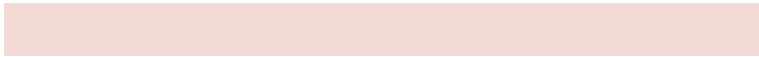
25.2801, 0.2339, 0.2484

Sweetspot

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



25.2813, 0.4149, 0.3504



73.0293, 0.3357, 0.3352



23.8553, 0.3347, 0.2411



15.5426, 0.3402, 0.3363



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.



25.2813, 0.4149, 0.3504



38.8364, 0.4491, 0.3545



37.2192, 0.3901, 0.4044



9.8148, 0.3284, 0.3333



8.1729, 0.6186, 0.3470



0.4083, 0.5748, 0.3818

Inverse Universe

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



36.1537, 0.2509, 0.3057



60.7703, 0.2398, 0.2997



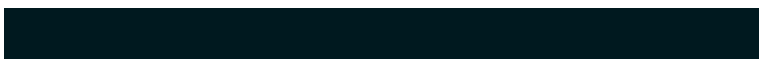
23.0570, 0.2397, 0.2391



10.5007, 0.2985, 0.3246



18.1193, 0.2082, 0.2693



0.7890, 0.2125, 0.2851

Previews

White Background



This preview shows how the Yxy color 25.2801, 0.4149, 0.3504 looks on a white background.

Color Contrast Check

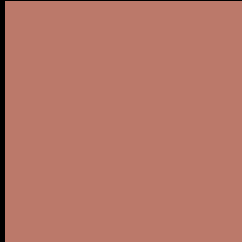
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2801, 0.4149, 0.3504 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 25.2801, 0.4149, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 25.2801, 0.4149, 0.3504.



This preview shows how white text looks on a background with the Yxy color 25.2801, 0.4149, 0.3504.

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

25.2801, 0.4149, 0.3504

Protanopia

25.5029, 0.3472, 0.3693

Deuteranopia

25.2885, 0.3816, 0.3732



Tritanopia

25.3080, 0.3916, 0.3167

Trichromacy



Original Color

25.2801, 0.4149, 0.3504

Protanomaly

25.2273, 0.3710, 0.3625

Deuteranomaly

25.2289, 0.3936, 0.3640

Tritanomaly

25.2169, 0.4004, 0.3293

Monochromacy



Original Color

25.2801, 0.4149, 0.3504

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1028, 0.3464, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2801, 0.4149, 0.3504 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(187, 121, 106)` looks like.

```
.text, #text, p{  
    color:rgb(187, 121, 106)  
}
```

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(187, 121, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 121, 106) }
```

Border

The CSS property to change the border of an element to Yxy 25.2801, 0.4149, 0.3504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

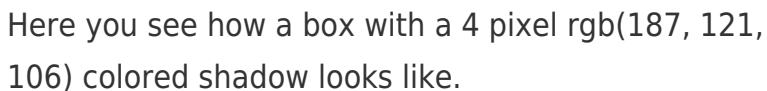
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 121, 106) }
```

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

```
.border{ border-color:rgb(187, 121, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 121, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 121, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 121, 106); box-shadow:4px 4px 4px 4px rgb(187, 121, 106) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2801, 0.4149, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 121, 106) }
```

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

```
.background{ background-color: rgb(187,  
121, 106) }
```

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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