

Converting Colors

$Y_{xy}(25.0551, 0.4301, 0.3642)$

Have a look what the booklet for
Yxy(25.0551, 0.4301, 0.3642)
contains.

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Color

Yxy(24.9505, 0.4306, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	BC785F
RGB	188, 120, 95
RGB Percent	74%, 47%, 37%
CMY	0.2627, 0.5294, 0.6274
CMYK	0.00, 0.36, 0.49, 0.26
HSL	16°, 41%, 55%
HSV	16°, 49%, 74%
XYZ	29.5237, 24.9505, 14.0899
YIQ	137.4820, 48.5530, 6.6410

Conversions

Conversions Part 2

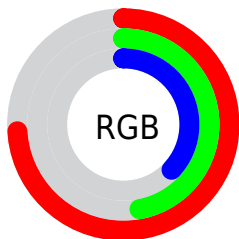
Format	Color
RYB	188, 129, 95
Decimal	12351583
CIELab	57.03, 23.85, 24.75
CIElCh	57, 34.369, 46.060
Yxy	24.9505, 0.4306, 0.3639
Android (android.graphics.Color)	4290541663 (0xFFBC785F)
YUV	137.4820, -20.9436, 44.3043
Hunter-Lab	49.9505, 18.0909, 18.2409

Details

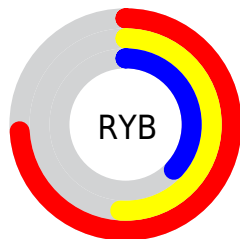
The Yxy color **24.9505, 0.4306, 0.3639** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **32.2701, 0.2411, 0.2892**, and the grayscale version is **25.2766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7366, 0.4053, 0.3585**, and **9.6254, 0.4744, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **21.5767, 0.4662, 0.3694**, and if you desaturate by 10%, it is **28.8843, 0.3988, 0.3571**.

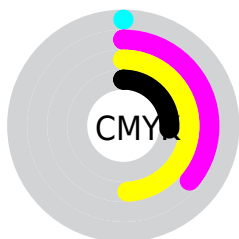
Distribution



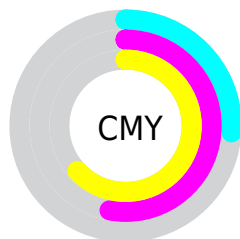
- Red (74%)
- Green (47%)
- Blue (37%)



- Red (74%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (26%)





- Cyan (26%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9505, 0.4306, 0.3639 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 24.9505, 0.4306, 0.3639 by changing the saturation by 10% instead.


 24.9505, 0.4306,
0.3639


 24.9505, 0.4306,
0.3639


277.5913, 0.3652,
0.3477


 16.0402, 0.4490,
0.3670


 51.5769, 0.4053,
0.3586


 9.5526, 0.4737,
0.3700


 70.0618, 0.3963,
0.3564

 5.1033, 0.5082,
0.3719

 92.5070, 0.3888,
0.3544

 2.3080, 0.5703,
0.3770

 119.2969, 0.3826,
0.3527

 0.7779, 0.6458,
0.3542

150.8158, 0.3772,
0.3512

 0.0000, 1.0000,
0.0000

187.4483, 0.3727,

 0.0000, 0.0000,

0.3499

0.0000

229.5787, 0.3687,
0.3487

■ 24.9505, 0.4306,
0.3639

■ 24.9505, 0.4306,
0.3639

■ 21.5767, 0.4662,
0.3694

■ 28.8843, 0.3988,
0.3571

■ 18.7330, 0.5042,
0.3724

■ 33.3987, 0.3714,
0.3498

■ 16.3922, 0.5419,
0.3720


■ 38.5178, 0.3480,
0.3424


■ 14.5227, 0.5756,
0.3673


■ 44.2634, 0.3284,
0.3353

■ 13.0842, 0.6024,
0.3592

■ 50.6558, 0.3119,
0.3287

 13.0175, 0.6038,
0.3588

 57.7147, 0.2981,
0.3225

 65.4589, 0.2865,
0.3169

 73.9062, 0.2767,
0.3118

 82.4654, 0.2730,
0.3168

Harmonies

Analogous

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



24.9505, 0.4080, 0.3182



24.9505, 0.4306, 0.3639



24.9505, 0.4177, 0.4065

Triad

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



24.9505, 0.4306, 0.3639



24.9505, 0.2646, 0.3896



24.9505, 0.2457, 0.2364

Complementary

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



24.9505, 0.4306, 0.3639



32.2701, 0.2411, 0.2892

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.



24.9505, 0.2150, 0.2450



24.9505, 0.4306, 0.3639



24.9505, 0.2245, 0.3294

Square

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



24.9505, 0.4306, 0.3639



24.9505, 0.3200, 0.4304



24.9505, 0.2075, 0.2766



24.9505, 0.2963, 0.2485

Rectangle

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



24.9505, 0.4306, 0.3639



24.9505, 0.3925, 0.4275



24.9505, 0.2075, 0.2766



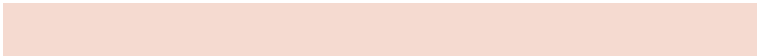
24.9505, 0.2330, 0.2369

Sweetspot

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



24.9517, 0.4306, 0.3639



74.0484, 0.3393, 0.3394



21.5321, 0.3487, 0.2386



15.4613, 0.3436, 0.3409



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.



24.9517, 0.4306, 0.3639



38.8175, 0.4681, 0.3696



38.9055, 0.3975, 0.4237



9.9422, 0.3282, 0.3352



8.9688, 0.6016, 0.3605



0.4636, 0.5530, 0.3991

Inverse Universe

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



32.2701, 0.2411, 0.2892



53.4537, 0.2288, 0.2791



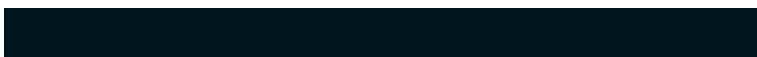
18.7214, 0.2262, 0.2104



10.3641, 0.2985, 0.3227



14.8775, 0.2001, 0.2405



0.6853, 0.2067, 0.2641

Previews

White Background



This preview shows how the Yxy color 24.9505, 0.4306, 0.3639 looks on a white background.

Color Contrast Check

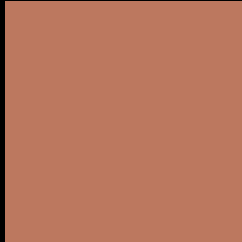
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9505, 0.4306, 0.3639 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 24.9505, 0.4306, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 24.9505, 0.4306, 0.3639.



This preview shows how white text looks on a background with the Yxy color 24.9505, 0.4306, 0.3639.

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

24.9505, 0.4306, 0.3639

Protanopia

25.0537, 0.3618, 0.3878

Deuteranopia

24.9154, 0.3960, 0.3884



Tritanopia

24.9186, 0.3964, 0.3168

Trichromacy



Original Color

24.9505, 0.4306, 0.3639

Protanomaly

24.8148, 0.3867, 0.3797

Deuteranomaly

24.8711, 0.4086, 0.3786

Tritanomaly

24.7563, 0.4093, 0.3335

Monochromacy



Original Color

24.9505, 0.4306, 0.3639

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7057, 0.3525, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9505, 0.4306, 0.3639 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, 120, 95)` looks like.

```
.text, #text, p{  
    color:rgb(188, 120, 95)  
}
```

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, 120, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 120, 95) }
```

Border

The CSS property to change the border of an element to Yxy 24.9505, 0.4306, 0.3639 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, 120, 95) }
```

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

```
.border{ border-color:rgb(188, 120, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 120, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 120, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 120, 95);  
box-shadow:4px 4px 4px 4px rgb(188, 120,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9505, 0.4306, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 120, 95) }
```

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

```
.background{ background-color: rgb(188,  
120, 95) }
```

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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