

Converting Colors

$Y_{xy}(25.5081, 0.4007, 0.3480)$

Have a look what the booklet for
Yxy(25.5081, 0.4007, 0.3480)
contains.

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Color

Yxy(25.5081, 0.4007, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	B67C6F
RGB	182, 124, 111
RGB Percent	71%, 49%, 44%
CMY	0.2862, 0.5137, 0.5646
CMYK	0.00, 0.32, 0.39, 0.29
HSL	11°, 33%, 57%
HSV	11°, 39%, 71%
XYZ	29.3710, 25.5081, 18.4201
YIQ	139.8600, 38.7410, 8.2530

Conversions

Conversions Part 2

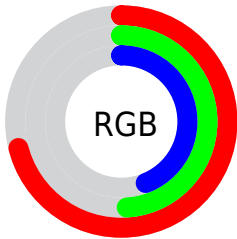
Format	Color
R_{YB}	182, 127, 111
Decimal	11959407
CIE _{Lab}	57.57, 20.94, 16.23
CIE _{LCh}	58, 26.488, 37.777
Yxy	25.5081, 0.4007, 0.3480
Android (android.graphics.Color)	4290149487 (0xFFB67C6F)
YUV	139.8600, -14.2280, 36.9568
Hunter-Lab	50.5055, 15.4201, 13.7300

Details

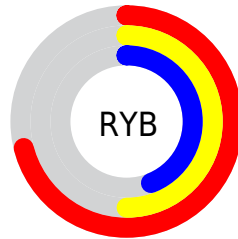
The Yxy color **25.5081, 0.4007, 0.3480** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.1467, 0.2564, 0.3087**, and the grayscale version is **26.2146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6139, 0.3818, 0.3447**, and **9.9031, 0.4338, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **21.6973, 0.4346, 0.3526**, and if you desaturate by 10%, it is **29.9654, 0.3718, 0.3430**.

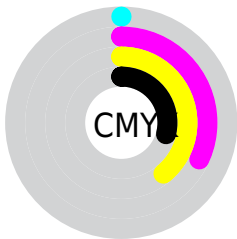
Distribution



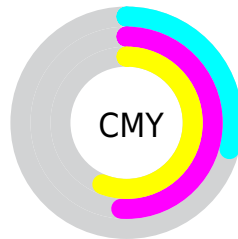
- Red (71%)
- Green (49%)
- Blue (44%)



- Red (71%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5081, 0.4007, 0.3480 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 25.5081, 0.4007, 0.3480 by changing the saturation by 10% instead.


 25.5081, 0.4007,
0.3480


 25.5081, 0.4007,
0.3480


280.3589, 0.3519,
0.3391


 16.4560, 0.4147,
0.3498


 52.4803, 0.3817,
0.3450

 9.8474, 0.4338,
0.3517


 71.1692, 0.3749,
0.3438

 5.2979, 0.4612,
0.3534

 93.8392, 0.3694,
0.3427

 2.4231, 0.5035,
0.3532

 120.8747, 0.3647,
0.3418

 0.8377, 0.6254,
0.3746

152.6600, 0.3608,
0.3410

 0.0000, 1.0000,
0.0000

189.5795, 0.3574,

 0.0000, 0.0000,

0.3403

0.0000

232.0177, 0.3544,
0.3397

■ 25.5081, 0.4007,
0.3480

■ 25.5081, 0.4007,
0.3480

■ 21.6973, 0.4346,
0.3526

■ 29.9654, 0.3718,
0.3430

■ 18.4992, 0.4732,
0.3562

■ 35.0935, 0.3477,
0.3379

■ 15.8825, 0.5147,
0.3579


■ 40.9202, 0.3277,
0.3331


■ 13.8115, 0.5557,
0.3568


■ 47.4703, 0.3112,
0.3286

■ 12.2466, 0.5915,
0.3526

■ 54.7678, 0.2976,
0.3244

 11.1381, 0.6182,
0.3460

 62.8351, 0.2863,
0.3206

 11.0493, 0.6205,
0.3455

 71.6940, 0.2768,
0.3172

 81.2601, 0.2697,
0.3158

 88.6863, 0.2711,
0.3289

Harmonies

Analogous

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



25.5081, 0.3764, 0.3120



25.5081, 0.4007, 0.3480



25.5081, 0.3990, 0.3824

Triad

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



25.5081, 0.4007, 0.3480



25.5081, 0.2875, 0.3850



25.5081, 0.2522, 0.2566

Complementary

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



25.5081, 0.4007, 0.3480



35.1467, 0.2564, 0.3087

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.



25.5081, 0.2325, 0.2693



25.5081, 0.4007, 0.3480



25.5081, 0.2514, 0.3428

Square

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



25.5081, 0.4007, 0.3480



25.5081, 0.3320, 0.4089



25.5081, 0.2321, 0.2997



25.5081, 0.2886, 0.2614

Rectangle

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



25.5081, 0.4007, 0.3480



25.5081, 0.3840, 0.4001



25.5081, 0.2321, 0.2997



25.5081, 0.2436, 0.2588

Sweetspot

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



25.5093, 0.4007, 0.3480



70.6583, 0.3337, 0.3346



24.2287, 0.3305, 0.2483



15.2997, 0.3362, 0.3352



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.



25.5093, 0.4007, 0.3480



40.1068, 0.4303, 0.3521



35.6667, 0.3818, 0.3953



9.2707, 0.3283, 0.3332



7.8745, 0.6188, 0.3468



0.3589, 0.5727, 0.3835

Inverse Universe

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



35.1467, 0.2564, 0.3087



60.0444, 0.2456, 0.3034



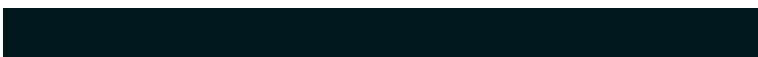
23.9985, 0.2480, 0.2519



9.9239, 0.2985, 0.3247



17.5932, 0.2084, 0.2703



0.6938, 0.2131, 0.2870

Previews

White Background



This preview shows how the Yxy color 25.5081, 0.4007, 0.3480 looks on a white background.

Color Contrast Check

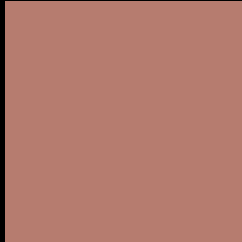
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5081, 0.4007, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

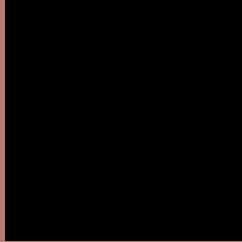
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5081, 0.4007, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 25.5081, 0.4007, 0.3480.



This preview shows how white text looks on a background with the Yxy color 25.5081, 0.4007, 0.3480.

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

25.5081, 0.4007, 0.3480

Protanopia

25.5960, 0.3429, 0.3625

Deuteranopia

25.5606, 0.3741, 0.3671



Tritanopia

25.4768, 0.3804, 0.3164

Trichromacy



Original Color

25.5081, 0.4007, 0.3480

Protanomaly

25.3838, 0.3635, 0.3579

Deuteranomaly

25.5261, 0.3829, 0.3599

Tritanomaly

25.4164, 0.3877, 0.3278

Monochromacy



Original Color

25.5081, 0.4007, 0.3480

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6037, 0.3424, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5081, 0.4007, 0.3480 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, 124, 111)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 111)  
}
```

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, 124, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.5081, 0.4007, 0.3480 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, 124, 111) }
```

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

```
.border{ border-color:rgb(182, 124, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 124, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 111);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5081, 0.4007, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 124, 111) }
```

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

```
.background{ background-color: rgb(182,  
124, 111) }
```

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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