

Converting Colors

$Y_{xy}(25.4561, 0.4001, 0.3629)$

Have a look what the booklet for
Yxy(25.4561, 0.4001, 0.3629)
contains.

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Color

Yxy(25.4083, 0.4003, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	B07F68
RGB	176, 127, 104
RGB Percent	69%, 50%, 41%
CMY	0.3099, 0.5019, 0.5922
CMYK	0.00, 0.28, 0.41, 0.31
HSL	19°, 31%, 55%
HSV	19°, 41%, 69%
XYZ	27.9883, 25.4083, 16.5217
YIQ	139.0290, 36.5870, 3.2350

Conversions

Conversions Part 2

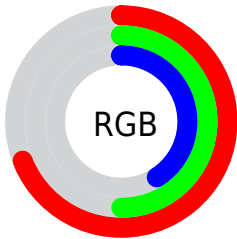
Format	Color
R_{YB}	176, 138, 104
Decimal	11566952
CIE _{Lab}	57.47, 15.96, 20.00
CIE _{LCh}	57, 25.588, 51.409
Yxy	25.4083, 0.4003, 0.3634
Android (android.graphics.Color)	4289757032 (0xFFB07F68)
YUV	139.0290, -17.2693, 32.4236
Hunter-Lab	50.4066, 10.9005, 15.8513

Details

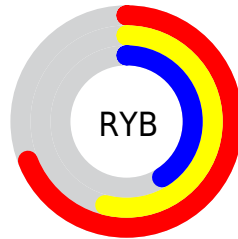
The Yxy color **25.4083, 0.4003, 0.3634** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8415, 0.2516, 0.2911**, and the grayscale version is **25.8876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3327, 0.3816, 0.3576**, and **9.8091, 0.4311, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **22.1780, 0.4309, 0.3714**, and if you desaturate by 10%, it is **29.0830, 0.3735, 0.3548**.

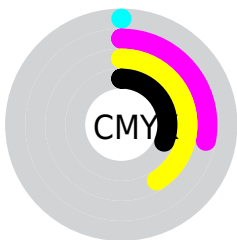
Distribution



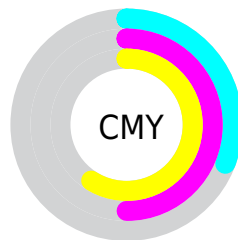
- Red (69%)
- Green (50%)
- Blue (41%)



- Red (69%)
- Yellow (54%)
- Blue (41%)



- Cyan (0%)
- Magenta (28%)
- Yellow (41%)
- Black (31%)




- Cyan (31%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4083, 0.4003, 0.3634 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 25.4083, 0.4003, 0.3634 by changing the saturation by 10% instead.


 25.4083, 0.4003,
0.3634


 25.4083, 0.4003,
0.3634


279.8652, 0.3518,
0.3461


 16.3815, 0.4141,
0.3675


 52.3188, 0.3815,
0.3572


 9.7945, 0.4328,
0.3725


 70.9714, 0.3748,
0.3548

 5.2629, 0.4594,
0.3783

 93.6013, 0.3692,
0.3528

 2.4023, 0.5014,
0.3851

 120.5930, 0.3646,
0.3511

 0.8271, 0.5963,
0.4037

152.3308, 0.3607,
0.3496

 0.0000, 1.0000,
0.0000

189.1992, 0.3573,

 0.0000, 0.0000,

0.3483

0.0000

231.5825, 0.3544,
0.3471

■ 25.4083, 0.4003,
0.3634

■ 25.4083, 0.4003,
0.3634

■ 22.1780, 0.4309,
0.3714

■ 29.0830, 0.3735,
0.3548

■ 19.3708, 0.4647,
0.3778

■ 33.2148, 0.3504,
0.3461

■ 16.9693, 0.5003,
0.3815

■ 37.8206, 0.3308,
0.3376

■ 14.9532, 0.5354,
0.3814

■ 42.9151, 0.3141,
0.3297

■ 13.3000, 0.5667,
0.3766

■ 48.5125, 0.3000,
0.3223

■ 12.0845, 0.5906,
0.3693

■ 54.6262, 0.2881,
0.3156

■ 61.2694, 0.2779,
0.3094

■ 68.4546, 0.2692,
0.3038

■ 75.7104, 0.2654,
0.3065

Harmonies

Analogous

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



25.4083, 0.3878, 0.3282



25.4083, 0.4003, 0.3634



25.4083, 0.3874, 0.3932

Triad

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



25.4083, 0.4003, 0.3634



25.4083, 0.2708, 0.3658



25.4083, 0.2685, 0.2589

Complementary

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



25.4083, 0.4003, 0.3634



28.8415, 0.2516, 0.2911

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.



25.4083, 0.2414, 0.2634



25.4083, 0.4003, 0.3634



25.4083, 0.2425, 0.3226

Square

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



25.4083, 0.4003, 0.3634



25.4083, 0.3116, 0.3986



25.4083, 0.2323, 0.2854



25.4083, 0.3090, 0.2705

Rectangle

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



25.4083, 0.4003, 0.3634



25.4083, 0.3671, 0.4053



25.4083, 0.2323, 0.2854



25.4083, 0.2576, 0.2585

Sweetspot

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



25.4095, 0.4003, 0.3634



67.4770, 0.3331, 0.3387



21.4312, 0.3452, 0.2586



14.3880, 0.3355, 0.3397



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.4095, 0.4003, 0.3634



40.8144, 0.4275, 0.3706



36.3430, 0.3796, 0.4123



8.9343, 0.3279, 0.3363



8.9642, 0.5887, 0.3708



0.3902, 0.5334, 0.4147

Inverse Universe

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



28.8415, 0.2516, 0.2911



47.8432, 0.2394, 0.2812



18.8415, 0.2418, 0.2286



9.1640, 0.2986, 0.3215



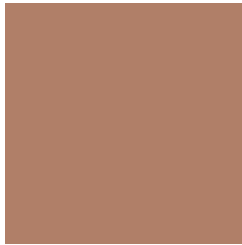
12.2119, 0.1952, 0.2227



0.4840, 0.2044, 0.2558

Previews

White Background



This preview shows how the Yxy color 25.4083, 0.4003, 0.3634 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 25.4083, 0.4003, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

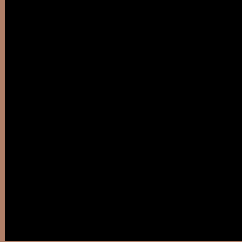
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4083, 0.4003, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 25.4083, 0.4003, 0.3634.



This preview shows how white text looks on a background with the Yxy color 25.4083, 0.4003, 0.3634.

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

25.4083, 0.4003, 0.3634

Protanopia

25.4841, 0.3538, 0.3776

Deuteranopia

25.5409, 0.3822, 0.3763



Tritanopia

25.4156, 0.3710, 0.3160

Trichromacy



Original Color

25.4083, 0.4003, 0.3634

Protanomaly

25.3808, 0.3710, 0.3725

Deuteranomaly

25.5367, 0.3894, 0.3722

Tritanomaly

25.2854, 0.3820, 0.3322

Monochromacy



Original Color

25.4083, 0.4003, 0.3634

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5097, 0.3420, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4083, 0.4003, 0.3634 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(176, 127, 104)` looks like.

```
.text, #text, p{  
    color:rgb(176, 127, 104)  
}
```

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(176, 127, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 127, 104) }
```

Border

The CSS property to change the border of an element to Yxy 25.4083, 0.4003, 0.3634 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(176, 127, 104) }
```

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

```
.border{ border-color:rgb(176, 127, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 127, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 127, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 127, 104); box-shadow:4px 4px 4px 4px rgb(176, 127, 104) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4083, 0.4003, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 127, 104) }
```

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

```
.background{ background-color: rgb(176,  
127, 104) }
```

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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