

Converting Colors

$Y_{xy}(24.3685, 0.4052, 0.3293)$

Have a look what the booklet for
Yxy(24.3685, 0.4052, 0.3293)
contains.

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Color

Yxy(24.3165, 0.4048, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	BB7474
RGB	187, 116, 116
RGB Percent	73%, 45%, 45%
CMY	0.2666, 0.5451, 0.5452
CMYK	0.00, 0.38, 0.38, 0.27
HSL	0°, 34%, 59%
HSV	0°, 38%, 73%
XYZ	29.8916, 24.3165, 19.6349
YIQ	137.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

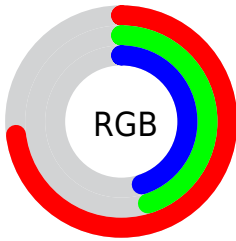
Format	Color
RYB	187, 116, 116
Decimal	12285044
CIELab	56.40, 27.94, 11.84
CIELCh	56, 30.344, 22.966
Yxy	24.3165, 0.4048, 0.3293
Android (android.graphics.Color)	4290475124 (0xFFBB7474)
YUV	137.2290, -10.4659, 43.6492
Hunter-Lab	49.3118, 21.9070, 10.9103

Details

The Yxy color **24.3165, 0.4048, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.8340, 0.2605, 0.3288**, and the grayscale version is **25.1360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6156, 0.3844, 0.3303**, and **9.1391, 0.4400, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **20.0405, 0.4433, 0.3294**, and if you desaturate by 10%, it is **29.5498, 0.3729, 0.3292**.

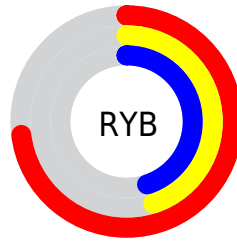
Distribution



Red (73%)

Green (45%)

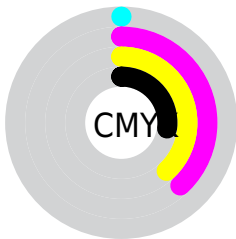
Blue (45%)



Red (73%)

Yellow (45%)

Blue (45%)

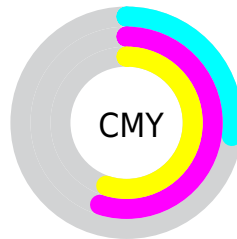


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (27%)



Cyan (27%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.3165, 0.4048, 0.3293 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 24.3165, 0.4048, 0.3293 by changing the saturation by 10% instead.


 24.3165, 0.4048,
0.3293


 24.3165, 0.4048,
0.3293


274.4167, 0.3533,
0.3305


 15.5686, 0.4197,
0.3283


 50.5462, 0.3846,
0.3302

 9.2194, 0.4403,
0.3265


 68.7967, 0.3775,
0.3304

 4.8846, 0.4702,
0.3229


 90.9836, 0.3717,
0.3305

 2.1797, 0.5173,
0.3149

 117.4912, 0.3668,
0.3305

 0.7089, 0.6743,
0.3257

148.7039, 0.3626,
0.3306

 0.0000, 1.0000,
0.0000


185.0062, 0.3591,


 0.0000, 0.0000,


0.3306


0.0000


226.7823, 0.3560,
0.3306


 24.3165, 0.4048,
0.3293


 24.3165, 0.4048,
0.3293

 20.0405, 0.4433,
0.3294


 29.5498, 0.3729,
0.3292


 16.6605, 0.4878,
0.3296


 35.7895, 0.3470,
0.3291


 14.1139, 0.5354,
0.3297

 43.0858, 0.3262,
0.3290

 12.3285, 0.5805,
0.3298


 51.4844, 0.3097,
0.3290


 11.2198, 0.6158,
0.3299

 61.0285, 0.2964,
0.3289

 10.6572, 0.6365,
0.3300

 71.7588, 0.2856,
0.3289

 10.5670, 0.6401,
0.3300

 83.7139, 0.2769,
0.3289

 89.3057, 0.2736,
0.3289

Harmonies

Analogous

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



24.3165, 0.3640, 0.2905



24.3165, 0.4048, 0.3293



24.3165, 0.4180, 0.3707

Triad

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



24.3165, 0.4048, 0.3293



24.3165, 0.3078, 0.4127



24.3165, 0.2293, 0.2501

Complementary

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



24.3165, 0.4048, 0.3293



42.8340, 0.2605, 0.3288

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.



24.3165, 0.2175, 0.2742



24.3165, 0.4048, 0.3293



24.3165, 0.2601, 0.3710

Square

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



24.3165, 0.4048, 0.3293



24.3165, 0.3593, 0.4245



24.3165, 0.2280, 0.3178



24.3165, 0.2619, 0.2464

Rectangle

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



24.3165, 0.4048, 0.3293



24.3165, 0.4093, 0.3958



24.3165, 0.2280, 0.3178



24.3165, 0.2229, 0.2558

Sweetspot

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



24.3177, 0.4048, 0.3293



72.7715, 0.3324, 0.3291



26.6402, 0.3171, 0.2365



15.6276, 0.3351, 0.3291



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.



24.3177, 0.4048, 0.3293



36.7476, 0.4382, 0.3294



34.1187, 0.3858, 0.3783



9.5369, 0.3288, 0.3291



7.2803, 0.6400, 0.3300



0.2853, 0.6399, 0.3301

Inverse Universe

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



42.8340, 0.2605, 0.3288



74.8684, 0.2512, 0.3288



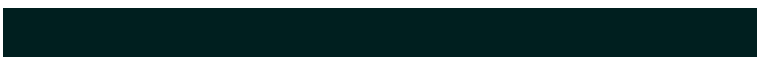
29.5923, 0.2525, 0.2735



10.8090, 0.2985, 0.3290



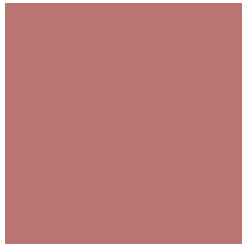
26.9428, 0.2246, 0.3286



1.0555, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 24.3165, 0.4048, 0.3293 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 24.3165, 0.4048, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

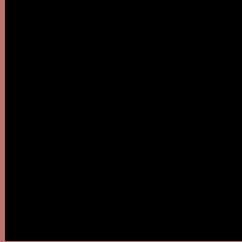
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3165, 0.4048, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 24.3165, 0.4048, 0.3293.



This preview shows how white text looks on a background with the Yxy color 24.3165, 0.4048, 0.3293.

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

24.3165, 0.4048, 0.3293

Protanopia

24.4098, 0.3280, 0.3444

Deuteranopia

24.3256, 0.3646, 0.3567



Tritanopia

24.3829, 0.3971, 0.3180

Trichromacy



Original Color

24.3165, 0.4048, 0.3293

Protanomaly

24.0116, 0.3547, 0.3388

Deuteranomaly

24.2070, 0.3793, 0.3462

Tritanomaly

24.3089, 0.4011, 0.3222

Monochromacy



Original Color

24.3165, 0.4048, 0.3293

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.2541, 0.3437, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3165, 0.4048, 0.3293 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, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(187, 116, 116)  
}
```

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, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 116, 116) }
```

Border

The CSS property to change the border of an element to Yxy 24.3165, 0.4048, 0.3293 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, 116, 116) }
```

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

```
.border{ border-color:rgb(187, 116, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(187, 116,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3165, 0.4048, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 116, 116) }
```

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

```
.background{ background-color: rgb(187,  
116, 116) }
```

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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