

Converting Colors

$Y_{xy}(24.6875, 0.4087, 0.3293)$

Have a look what the booklet for
Yxy(24.6875, 0.4087, 0.3293)
contains.

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Color

Yxy(24.6989, 0.4084, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	BE7474
RGB	190, 116, 116
RGB Percent	75%, 45%, 45%
CMY	0.2549, 0.5451, 0.5451
CMYK	0.00, 0.39, 0.39, 0.25
HSL	0°, 36%, 60%
HSV	0°, 39%, 75%
XYZ	30.6317, 24.6989, 19.6736
YIQ	138.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

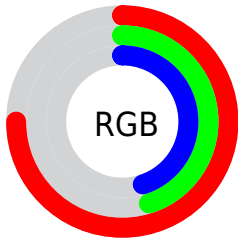
Format	Color
R _Y B	190, 116, 116
Decimal	12481652
CIE Lab	56.78, 29.09, 12.42
CIE LCh	57, 31.634, 23.111
Yxy	24.6989, 0.4084, 0.3293
Android (android.graphics.Color)	4290671732 (0xFFBE7474)
YUV	138.1260, -10.9081, 45.4935
Hunter-Lab	49.6980, 23.0484, 11.3178

Details

The Yxy color **24.6989, 0.4084, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.2482, 0.2594, 0.3288**, and the grayscale version is **25.4967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1595, 0.3872, 0.3303**, and **9.3821, 0.4451, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **20.3613, 0.4476, 0.3294**, and if you desaturate by 10%, it is **30.0247, 0.3758, 0.3292**.

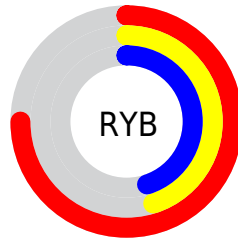
Distribution



Red (75%)

Green (45%)

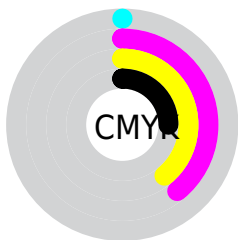
Blue (45%)



Red (75%)

Yellow (45%)

Blue (45%)

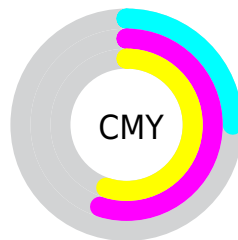


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6989, 0.4084, 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 24.6989, 0.4084, 0.3293 by changing the saturation by 10% instead.


 24.6989, 0.4084,
0.3293


 24.6989, 0.4084,
0.3293


276.3351, 0.3550,
0.3307


 15.8529, 0.4238,
0.3282


 51.1683, 0.3875,
0.3303

 9.4201, 0.4450,
0.3263


 69.5605, 0.3801,
0.3305

 5.0162, 0.4756,
0.3224


 91.9035, 0.3741,
0.3306

 2.2568, 0.5235,
0.3141

118.5818, 0.3690,
0.3307

 0.7507, 0.6763,
0.3237

149.9797, 0.3647,
0.3307

 0.0000, 1.0000,
0.0000


186.4816, 0.3610,


 0.0000, 0.0000,


0.3307

0.0000

228.4720, 0.3578,
0.3307


 24.6989, 0.4084,
0.3293


 24.6989, 0.4084,
0.3293


 20.3613, 0.4476,
0.3294


 30.0247, 0.3758,
0.3292


 16.9478, 0.4927,
0.3296


 36.3905, 0.3493,
0.3291


 14.3924, 0.5404,
0.3297


 43.8487, 0.3281,
0.3291


 12.6191, 0.5849,
0.3298

 52.4473, 0.3111,
0.3290


 11.5381, 0.6187,
0.3299

 62.2311, 0.2975,
0.3290

 10.9951, 0.6383,
0.3300

 73.2429, 0.2865,
0.3289

 10.9474, 0.6401,
0.3300

 85.5231, 0.2777,
0.3289

 89.6865, 0.2752,
0.3289

Harmonies

Analogous

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



24.6989, 0.3662, 0.2893



24.6989, 0.4084, 0.3293



24.6989, 0.4218, 0.3720

Triad

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



24.6989, 0.4084, 0.3293



24.6989, 0.3072, 0.4160



24.6989, 0.2266, 0.2473

Complementary

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



24.6989, 0.4084, 0.3293



44.2482, 0.2594, 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.



24.6989, 0.2143, 0.2719



24.6989, 0.4084, 0.3293



24.6989, 0.2579, 0.3723

Square

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



24.6989, 0.4084, 0.3293



24.6989, 0.3605, 0.4282



24.6989, 0.2250, 0.3170



24.6989, 0.2602, 0.2437

Rectangle

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



24.6989, 0.4084, 0.3293



24.6989, 0.4126, 0.3981



24.6989, 0.2250, 0.3170



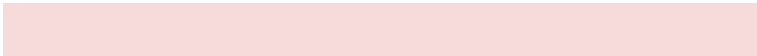
24.6989, 0.2200, 0.2531

Sweetspot

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



24.7001, 0.4084, 0.3293



74.8564, 0.3345, 0.3291



27.1533, 0.3172, 0.2342



16.0391, 0.3372, 0.3291



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



24.7001, 0.4084, 0.3293



37.7439, 0.4426, 0.3294



34.9879, 0.3882, 0.3797



9.5367, 0.3288, 0.3291



7.2800, 0.6401, 0.3300



0.2853, 0.6400, 0.3300

Inverse Universe

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



44.2482, 0.2594, 0.3288



78.2910, 0.2502, 0.3288



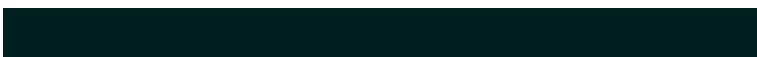
30.2106, 0.2508, 0.2718



10.8092, 0.2985, 0.3290



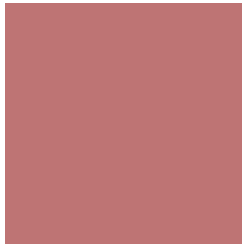
26.9487, 0.2246, 0.3287



1.0557, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 24.6989, 0.4084, 0.3293 looks on a white background.

Color Contrast Check

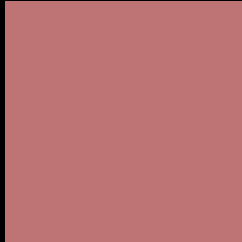
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6989, 0.4084, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

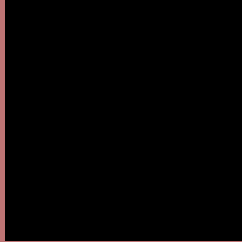
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6989, 0.4084, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 24.6989, 0.4084, 0.3293.



This preview shows how white text looks on a background with the Yxy color 24.6989, 0.4084, 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

24.6989, 0.4084, 0.3293

Protanopia

24.8655, 0.3301, 0.3459

Deuteranopia

24.6940, 0.3654, 0.3581



Tritanopia

24.7679, 0.4007, 0.3182

Trichromacy



Original Color

24.6989, 0.4084, 0.3293

Protanomaly

24.4766, 0.3568, 0.3403

Deuteranomaly

24.6827, 0.3813, 0.3476

Tritanomaly

24.6939, 0.4048, 0.3224

Monochromacy



Original Color

24.6989, 0.4084, 0.3293

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7451, 0.3447, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6989, 0.4084, 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(190, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 116) }
```

Border

The CSS property to change the border of an element to Yxy 24.6989, 0.4084, 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(190, 116, 116) }
```

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

```
.border{ border-color:rgb(190, 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(190, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6989, 0.4084, 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(190, 116, 116) }
```

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

```
.background{ background-color: rgb(190,  
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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