

Converting Colors

$Y_{xy}(26.5058, 0.3722, 0.3292)$

Have a look what the booklet for
Yxy(26.5058, 0.3722, 0.3292)
contains.

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Color

Yxy(26.4618, 0.3729, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	B28080
RGB	178, 128, 128
RGB Percent	70%, 50%, 50%
CMY	0.3020, 0.4980, 0.4981
CMYK	0.00, 0.28, 0.28, 0.30
HSL	0°, 25%, 60%
HSV	0°, 28%, 70%
XYZ	29.9745, 26.4618, 23.9458
YIQ	142.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

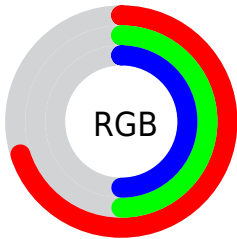
Format	Color
RYB	178, 128, 128
Decimal	11698304
CIELab	58.47, 19.33, 7.68
CIELCh	58, 20.802, 21.664
Yxy	26.4618, 0.3729, 0.3292
Android (android.graphics.Color)	4289888384 (0xFFB28080)
YUV	142.9500, -7.3704, 30.7388
Hunter-Lab	51.4410, 13.9895, 8.4092

Details

The Yxy color **26.4618, 0.3729, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6356, 0.2726, 0.3289**, and the grayscale version is **27.4686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0461, 0.3601, 0.3291**, and **10.2984, 0.3955, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **21.7926, 0.4047, 0.3293**, and if you desaturate by 10%, it is **32.0297, 0.3471, 0.3291**.

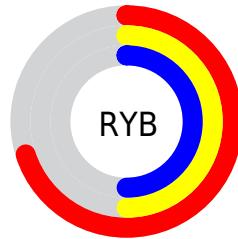
Distribution



Red (70%)

Green (50%)

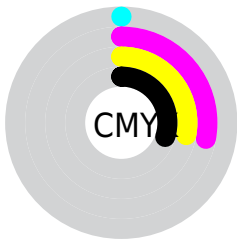
Blue (50%)



Red (70%)

Yellow (50%)

Blue (50%)

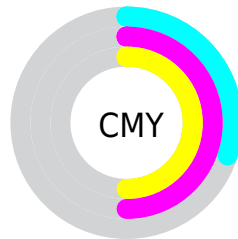


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4618, 0.3729, 0.3292 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 26.4618, 0.3729, 0.3292 by changing the saturation by 10% instead.


 26.4618, 0.3729,
0.3292


 26.4618, 0.3729,
0.3292


285.0417, 0.3397,
0.3297


 17.1694, 0.3824,
0.3288


 54.0190, 0.3600,
0.3296

 10.3554, 0.3954,
0.3281


 73.0526, 0.3554,
0.3296

 5.6352, 0.4142,
0.3267

 96.1022, 0.3516,
0.3297

 2.6246, 0.4438,
0.3235

123.5519, 0.3485,
0.3297

 0.9390, 0.5095,
0.3236

155.7864, 0.3458,
0.3297

 0.0000, 1.0000,
0.0000


193.1899, 0.3435,

 0.0000, 0.0000,


0.3297


0.0000


236.1469, 0.3415,
0.3297

 26.4618, 0.3729,
0.3292

 26.4618, 0.3729,
0.3292


 21.7926, 0.4047,
0.3293

 32.0297, 0.3471,
0.3291


 17.9715, 0.4431,
0.3294

 38.5360, 0.3264,
0.3290


 14.9487, 0.4874,
0.3296

 46.0224, 0.3098,
0.3290

 12.6678, 0.5348,
0.3297

 54.5272, 0.2965,
0.3289

 11.0647, 0.5799,
0.3298

 64.0864, 0.2858,
0.3289

■ 10.0650, 0.6153,
0.3299

■ 74.7345, 0.2771,
0.3289

■ 9.5471, 0.6365,
0.3300

■ 86.5044, 0.2699,
0.3288

■ 9.4661, 0.6400,
0.3300

■ 88.2047, 0.2691,
0.3289

Harmonies

Analogous

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



26.4618, 0.3457, 0.3019



26.4618, 0.3729, 0.3292



26.4618, 0.3829, 0.3579

Triad

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



26.4618, 0.3729, 0.3292



26.4618, 0.3120, 0.3838



26.4618, 0.2549, 0.2759

Complementary

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



26.4618, 0.3729, 0.3292



39.6356, 0.2726, 0.3289

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.



26.4618, 0.2472, 0.2942



26.4618, 0.3729, 0.3292



26.4618, 0.2790, 0.3580

Square

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



26.4618, 0.3729, 0.3292



26.4618, 0.3465, 0.3920



26.4618, 0.2557, 0.3242



26.4618, 0.2774, 0.2718

Rectangle

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



26.4618, 0.3729, 0.3292



26.4618, 0.3783, 0.3746



26.4618, 0.2557, 0.3242



26.4618, 0.2506, 0.2804

Sweetspot

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



26.4630, 0.3729, 0.3292



69.8296, 0.3265, 0.3290



28.1145, 0.3159, 0.2604



15.0549, 0.3293, 0.3291



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.4630, 0.3729, 0.3292



42.3108, 0.3928, 0.3293



33.8033, 0.3633, 0.3650



8.5057, 0.3287, 0.3291



6.7735, 0.6400, 0.3300



0.2133, 0.6399, 0.3301

Inverse Universe

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



39.6356, 0.2726, 0.3289



70.3421, 0.2646, 0.3288



30.5830, 0.2687, 0.2901



9.6310, 0.2986, 0.3290



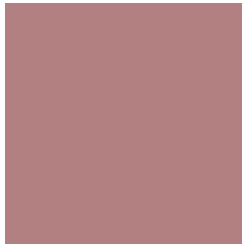
25.0649, 0.2246, 0.3286



0.7888, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 26.4618, 0.3729, 0.3292 looks on a white background.

Color Contrast Check

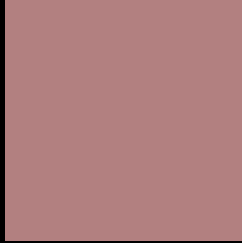
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4618, 0.3729, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

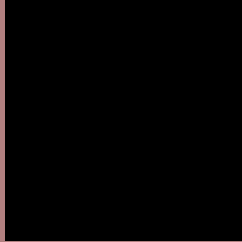
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4618, 0.3729, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 26.4618, 0.3729, 0.3292.



This preview shows how white text looks on a background with the Yxy color 26.4618, 0.3729, 0.3292.

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

26.4618, 0.3729, 0.3292

Protanopia

26.5252, 0.3233, 0.3372

Deuteranopia

26.6142, 0.3499, 0.3433



Tritanopia

26.5400, 0.3647, 0.3161

Trichromacy



Original Color

26.4618, 0.3729, 0.3292

Protanomaly

26.4424, 0.3409, 0.3354

Deuteranomaly

26.5229, 0.3592, 0.3383

Tritanomaly

26.4559, 0.3684, 0.3204

Monochromacy



Original Color

26.4618, 0.3729, 0.3292

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0799, 0.3328, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4618, 0.3729, 0.3292 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(178, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 128)  
}
```

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(178, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.4618, 0.3729, 0.3292 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(178, 128, 128) }
```

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

```
.border{ border-color:rgb(178, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4618, 0.3729, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 128) }
```

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

```
.background{ background-color: rgb(178,  
128, 128) }
```

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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