

Converting Colors

$Yxy(29.8464, 0.3789, 0.3292)$

Have a look what the booklet for
Yxy(29.8464, 0.3789, 0.3292)
contains.

Yxy(29.8478, 0.3785, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.8478, 0.3785, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	BF8686
RGB	191, 134, 134
RGB Percent	75%, 53%, 53%
CMY	0.2509, 0.4745, 0.4746
CMYK	0.00, 0.30, 0.30, 0.25
HSL	0°, 31%, 64%
HSV	0°, 30%, 75%
XYZ	34.3177, 29.8478, 26.5022
YIQ	151.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

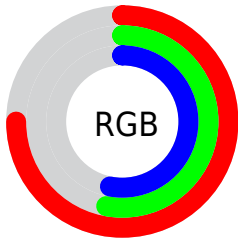
Format	Color
R_{YB}	191, 134, 134
Decimal	12551814
CIE _{Lab}	61.52, 21.89, 8.79
CIE _{LCh}	62, 23.586, 21.871
Yxy	29.8478, 0.3785, 0.3292
Android (android.graphics.Color)	4290741894 (0xFFBF8686)
YUV	151.0430, -8.4022, 35.0423
Hunter-Lab	54.6331, 16.5165, 9.4820

Details

The Yxy color **29.8478, 0.3785, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0990, 0.2702, 0.3289**, and the grayscale version is **30.9933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6940, 0.3652, 0.3302**, and **12.2150, 0.4023, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **24.5522, 0.4117, 0.3293**, and if you desaturate by 10%, it is **36.1960, 0.3515, 0.3291**.

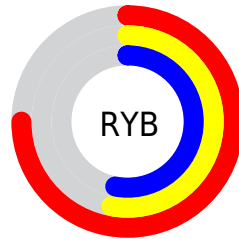
Distribution



Red (75%)

Green (53%)

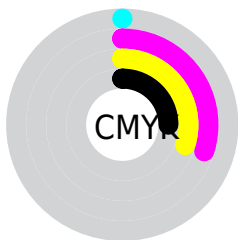
Blue (53%)



Red (75%)

Yellow (53%)

Blue (53%)

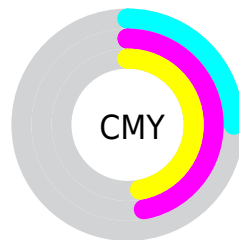


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8478, 0.3785, 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 29.8478, 0.3785, 0.3292 by changing the saturation by 10% instead.


 29.8478, 0.3785,
0.3292


 29.8478, 0.3785,
0.3292

301.1944, 0.3429,
0.3298


 19.7231, 0.3884,
0.3287


 59.4214, 0.3648,
0.3296

 12.1939, 0.4017,
0.3279


 79.6391, 0.3599,
0.3297

 6.8759, 0.4207,
0.3264


 103.9899, 0.3559,
0.3298

 3.3846, 0.4496,
0.3232

132.8582, 0.3524,
0.3298

 1.3357, 0.4999,
0.3165

166.6284, 0.3495,
0.3298

 0.1686, 0.8047,
0.1953

205.6849, 0.3470,


 0.0000, 0.0000,


0.3298


0.0000


250.4121, 0.3448,
0.3298


 29.8478, 0.3785,
0.3292

 29.8478, 0.3785,
0.3292

 24.5522, 0.4117,
0.3293


 36.1960, 0.3515,
0.3291


 20.2484, 0.4516,
0.3294


 43.6449, 0.3298,
0.3291


 16.8759, 0.4971,
0.3296

 52.2447, 0.3125,
0.3290

 14.3661, 0.5448,
0.3297

 62.0413, 0.2986,
0.3290

 12.6405, 0.5886,
0.3298

 73.0780, 0.2874,
0.3289

■ 11.6069, 0.6211,
0.3299

■ 85.3961, 0.2784,
0.3289

■ 11.0864, 0.6398,
0.3300

■ 89.8194, 0.2757,
0.3289

■ 11.0799, 0.6401,
0.3300

Harmonies

Analogous

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



29.8478, 0.3489, 0.2997



29.8478, 0.3785, 0.3292



29.8478, 0.3892, 0.3603

Triad

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



29.8478, 0.3785, 0.3292



29.8478, 0.3115, 0.3889



29.8478, 0.2501, 0.2712

Complementary

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



29.8478, 0.3785, 0.3292



46.0990, 0.2702, 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.



29.8478, 0.2418, 0.2907



29.8478, 0.3785, 0.3292



29.8478, 0.2757, 0.3605

Square

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



29.8478, 0.3785, 0.3292



29.8478, 0.3490, 0.3977



29.8478, 0.2507, 0.3232



29.8478, 0.2745, 0.2671

Rectangle

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



29.8478, 0.3785, 0.3292



29.8478, 0.3839, 0.3785



29.8478, 0.2507, 0.3232



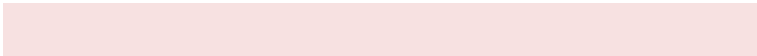
29.8478, 0.2454, 0.2760

Sweetspot

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



29.8492, 0.3785, 0.3292



79.1786, 0.3284, 0.3291



31.8891, 0.3162, 0.2557



16.9226, 0.3313, 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.



29.8492, 0.3785, 0.3292



46.8781, 0.4001, 0.3293



38.8197, 0.3674, 0.3675



9.5366, 0.3288, 0.3291



7.2796, 0.6401, 0.3300



0.2852, 0.6400, 0.3300

Inverse Universe

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



46.0990, 0.2702, 0.3289



80.7664, 0.2621, 0.3288



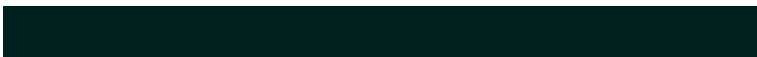
34.8493, 0.2656, 0.2870



10.8094, 0.2985, 0.3290



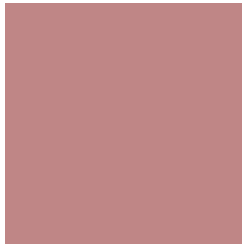
26.9536, 0.2246, 0.3287



1.0559, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 29.8478, 0.3785, 0.3292 looks on a white background.

Color Contrast Check

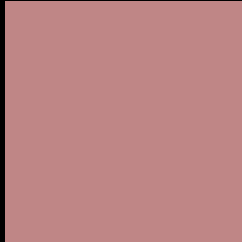
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8478, 0.3785, 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 29.8478, 0.3785, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 29.8478, 0.3785, 0.3292.



This preview shows how white text looks on a background with the Yxy color 29.8478, 0.3785, 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

29.8478, 0.3785, 0.3292

Protanopia

29.9051, 0.3237, 0.3384

Deuteranopia

29.7459, 0.3526, 0.3456



Tritanopia

29.9647, 0.3694, 0.3155

Trichromacy



Original Color

29.8478, 0.3785, 0.3292

Protanomaly

29.7245, 0.3429, 0.3351

Deuteranomaly

29.7967, 0.3615, 0.3393

Tritanomaly

29.8750, 0.3729, 0.3196

Monochromacy



Original Color

29.8478, 0.3785, 0.3292

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4021, 0.3351, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8478, 0.3785, 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(191, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(191, 134, 134)  
}
```

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(191, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 134, 134) }
```

Border

The CSS property to change the border of an element to Yxy 29.8478, 0.3785, 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(191, 134, 134) }
```

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

```
.border{ border-color:rgb(191, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(191, 134,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8478, 0.3785, 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(191, 134, 134) }
```

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

```
.background{ background-color: rgb(191,  
134, 134) }
```

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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