

Converting Colors

$Yxy(50.7288, 0.3202, 0.3378)$

Have a look what the booklet for
Yxy(50.7288, 0.3202, 0.3378)
contains.

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Color

Yxy(50.8490, 0.3198, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	BFBDB6
RGB	191, 189, 182
RGB Percent	75%, 74%, 71%
CMY	0.2507, 0.2589, 0.2862
CMYK	0.00, 0.01, 0.05, 0.25
HSL	46°, 7%, 73%
HSV	46°, 5%, 75%
XYZ	48.1395, 50.8490, 51.5414
YIQ	188.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

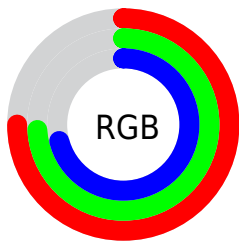
Format	Color
RYB	185, 191, 182
Decimal	12565942
CIELab	76.59, -0.53, 3.76
CIELCh	77, 3.800, 97.962
Yxy	50.8490, 0.3198, 0.3378
Android (android.graphics.Color)	4290756022 (0xFFBFBDB6)
YUV	188.8000, -3.3524, 1.9294
Hunter-Lab	71.3085, -4.2867, 7.0614

Details

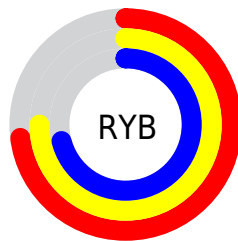
The Yxy color **50.8490, 0.3198, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0306, 0.3056, 0.3200**, and the grayscale version is **50.7928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2520, 0.3182, 0.3359**, and **24.5966, 0.3223, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **48.2560, 0.3357, 0.3570**, and if you desaturate by 10%, it is **53.6113, 0.3052, 0.3195**.

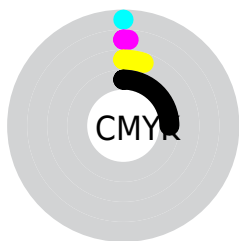
Distribution



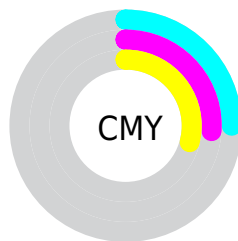
- Red (75%)
- Green (74%)
- Blue (71%)



- Red (73%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (25%)





- Cyan (25%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8490, 0.3198, 0.3378 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 50.8490, 0.3198, 0.3378 by changing the saturation by 10% instead.


 50.8490, 0.3198,
0.3378

 50.8490, 0.3198,
0.3378


389.9768, 0.3163,
0.3335

 36.0884, 0.3207,
0.3389


 91.4315, 0.3185,
0.3362

 24.5025, 0.3217,
0.3402


118.0223, 0.3181,
0.3356

 15.7068, 0.3232,
0.3420


149.3253, 0.3177,
0.3351

 9.3169, 0.3252,
0.3445

185.7248, 0.3173,
0.3347

 4.9485, 0.3281,
0.3482

227.6054, 0.3170,
0.3343

 2.2171, 0.3328,
0.3541

275.3513, 0.3168,

 0.7293, 0.3506,

0.3340

0.3758

329.3470, 0.3165,
0.3337

0.0000, 0.0000,
0.0000

50.8490, 0.3198,
0.3378

50.8490, 0.3198,
0.3378

48.2560, 0.3357,
0.3570

53.6113, 0.3052,
0.3195

45.8208, 0.3527,
0.3768

56.5407, 0.2919,
0.3023

43.5405, 0.3705,
0.3966

59.6440, 0.2798,
0.2864

41.4096, 0.3888,
0.4157

62.7016, 0.2709,
0.2751

39.4222, 0.4068,
0.4331

64.8501, 0.2714,
0.2801

■ 37.5718, 0.4240,
0.4479

■ 67.0579, 0.2718,
0.2851

■ 35.8511, 0.4394,
0.4590

■ 69.3257, 0.2723,
0.2901

■ 34.2519, 0.4523,
0.4657

■ 71.6538, 0.2727,
0.2951

■ 32.7642, 0.4623,
0.4677

■ 74.0428, 0.2732,
0.3000

Harmonies

Analogous

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



50.8490, 0.3225, 0.3357



50.8490, 0.3198, 0.3378



50.8490, 0.3152, 0.3375

Triad

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



50.8490, 0.3198, 0.3378



50.8490, 0.3030, 0.3261



50.8490, 0.3154, 0.3232

Complementary

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



50.8490, 0.3198, 0.3378



48.0306, 0.3056, 0.3200

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.



50.8490, 0.3102, 0.3207



50.8490, 0.3198, 0.3378



50.8490, 0.3031, 0.3223

Square

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



50.8490, 0.3198, 0.3378



50.8490, 0.3056, 0.3307



50.8490, 0.3057, 0.3203



50.8490, 0.3199, 0.3273

Rectangle

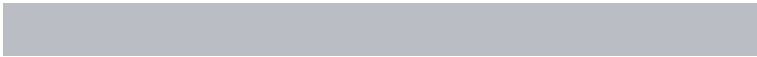
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.8490, 0.3198, 0.3378



50.8490, 0.3117, 0.3361



50.8490, 0.3057, 0.3203



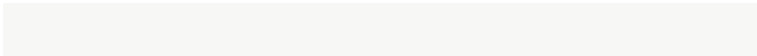
50.8490, 0.3137, 0.3221

Sweetspot

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



50.8512, 0.3198, 0.3378



92.8113, 0.3142, 0.3309



48.0127, 0.3188, 0.3263



20.3860, 0.3141, 0.3308



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.



50.8512, 0.3198, 0.3378



90.3603, 0.3219, 0.3404



51.4405, 0.3176, 0.3405



10.8982, 0.3226, 0.3412



21.1514, 0.4660, 0.4682



0.9211, 0.4527, 0.4787

Inverse Universe

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



48.0306, 0.3056, 0.3200



83.9205, 0.3035, 0.3174



47.4700, 0.3077, 0.3174



10.0651, 0.3028, 0.3165



3.7515, 0.1574, 0.0866



0.2493, 0.1704, 0.1335

Previews

White Background



This preview shows how the Yxy color 50.8490, 0.3198, 0.3378 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 50.8490, 0.3198, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

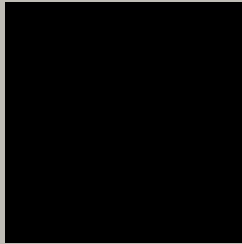
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

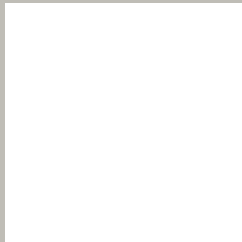
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8490, 0.3198, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 50.8490, 0.3198, 0.3378.

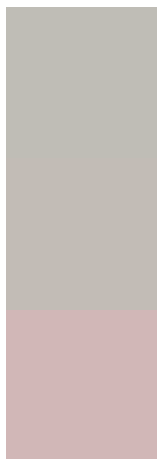


This preview shows how white text looks on a background with the Yxy color 50.8490, 0.3198, 0.3378.

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

50.8490, 0.3198, 0.3378

Protanopia

50.8132, 0.3224, 0.3365

Deuteranopia

50.8412, 0.3351, 0.3291



Tritanopia

50.8042, 0.3078, 0.3106

Trichromacy



Original Color

50.8490, 0.3198, 0.3378

Protanomaly

50.6813, 0.3215, 0.3366

Deuteranomaly

50.6734, 0.3288, 0.3315

Tritanomaly

50.7731, 0.3123, 0.3203

Monochromacy



Original Color

50.8490, 0.3198, 0.3378

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8875, 0.3158, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8490, 0.3198, 0.3378 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, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 182)  
}
```

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, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.8490, 0.3198, 0.3378 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, 189, 182) }
```

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

```
.border{ border-color:rgb(191, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8490, 0.3198, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 182) }
```

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

```
.background{ background-color: rgb(191,  
189, 182) }
```

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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