

Converting Colors

$Y_{xy}(50.9385, 0.3252, 0.3399)$

Have a look what the booklet for
Yxy(50.9385, 0.3252, 0.3399)
contains.

Yxy(50.8638, 0.3248, 0.3390)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8638, 0.3248, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCB4
RGB	195, 188, 180
RGB Percent	76%, 74%, 71%
CMY	0.2352, 0.2628, 0.2940
CMYK	0.00, 0.04, 0.08, 0.24
HSL	32°, 11%, 74%
HSV	32°, 8%, 76%
XYZ	48.7332, 50.8638, 50.4437
YIQ	189.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

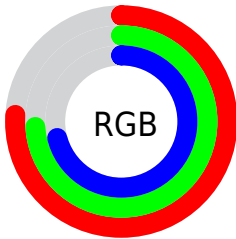
Format	Color
RYB	193, 195, 180
Decimal	12827828
CIELab	76.60, 1.07, 4.89
CIELCh	77, 5.009, 77.702
Yxy	50.8638, 0.3248, 0.3390
Android (android.graphics.Color)	4291017908 (0xFFC3BCB4)
YUV	189.1810, -4.5262, 5.1033
Hunter-Lab	71.3189, -2.8363, 7.9875

Details

The Yxy color **50.8638, 0.3248, 0.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2114, 0.3010, 0.3188**, and the grayscale version is **51.0248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4529, 0.3228, 0.3369**, and **24.5230, 0.3280, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **46.3444, 0.3424, 0.3527**, and if you desaturate by 10%, it is **55.7467, 0.3093, 0.3261**.

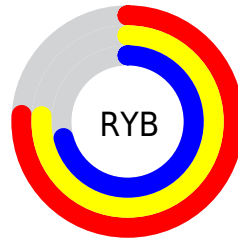
Distribution



Red (76%)

Green (74%)

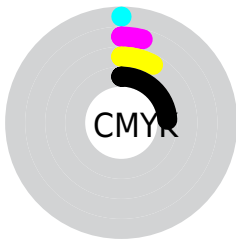
Blue (71%)



Red (76%)

Yellow (76%)

Blue (71%)

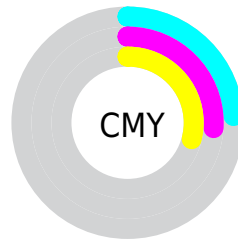


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (26%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8638, 0.3248, 0.3390 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 50.8638, 0.3248, 0.3390 by changing the saturation by 10% instead.


 50.8638, 0.3248,
0.3390

 50.8638, 0.3248,
0.3390


390.0344, 0.3188,
0.3341

 36.1002, 0.3263,
0.3402


 91.4534, 0.3226,
0.3372

 24.5116, 0.3281,
0.3417


118.0482, 0.3218,
0.3366

 15.7136, 0.3306,
0.3437


149.3556, 0.3211,
0.3360

 9.3217, 0.3340,
0.3465

185.7599, 0.3206,
0.3355

 4.9516, 0.3390,
0.3506

227.6456, 0.3200,
0.3351

 2.2189, 0.3472,
0.3570

275.3969, 0.3196,

 0.7303, 0.3783,

0.3347

0.3837

329.3984, 0.3192,
0.3344

0.0000, 0.0000,
0.0000

50.8638, 0.3248,
0.3390

50.8638, 0.3248,
0.3390

46.3444, 0.3424,
0.3527

55.7467, 0.3093,
0.3261

42.1728, 0.3622,
0.3668

60.9953, 0.2957,
0.3141

38.3414, 0.3842,
0.3810

66.6203, 0.2839,
0.3029

34.8402, 0.4083,
0.3946

72.4325, 0.2751,
0.2958

31.6582, 0.4338,
0.4067

77.4936, 0.2760,
0.3060

■ 28.7840, 0.4599,
0.4160

■ 82.8230, 0.2768,
0.3159

■ 26.2048, 0.4852,
0.4215

■ 88.4245, 0.2776,
0.3257

■ 23.9066, 0.5082,
0.4219

■ 90.3449, 0.2778,
0.3289

■ 21.8710, 0.5277,
0.4172

Harmonies

Analogous

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



50.8638, 0.3261, 0.3345



50.8638, 0.3248, 0.3390



50.8638, 0.3203, 0.3409

Triad

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



50.8638, 0.3248, 0.3390



50.8638, 0.3019, 0.3293



50.8638, 0.3116, 0.3188

Complementary

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



50.8638, 0.3248, 0.3390



49.2114, 0.3010, 0.3188

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.



50.8638, 0.3051, 0.3174



50.8638, 0.3248, 0.3390



50.8638, 0.2996, 0.3233

Square

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



50.8638, 0.3248, 0.3390



50.8638, 0.3070, 0.3352



50.8638, 0.3008, 0.3190



50.8638, 0.3184, 0.3229

Rectangle

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



50.8638, 0.3248, 0.3390



50.8638, 0.3161, 0.3403



50.8638, 0.3008, 0.3190



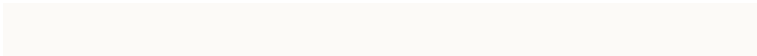
50.8638, 0.3093, 0.3180

Sweetspot

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



50.8660, 0.3248, 0.3390



95.9432, 0.3158, 0.3316



47.8586, 0.3198, 0.3200



21.0298, 0.3156, 0.3315



0.0000, 0.0000, 0.0000



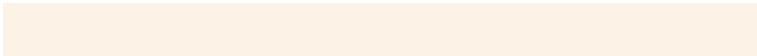
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8660, 0.3248, 0.3390



89.8647, 0.3272, 0.3409



53.9079, 0.3238, 0.3476



10.9441, 0.3276, 0.3412



14.0962, 0.5301, 0.4173



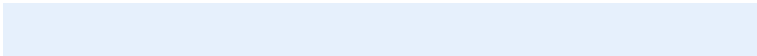
0.7461, 0.4989, 0.4420

Inverse Universe

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



49.2114, 0.3010, 0.3188



86.3771, 0.2987, 0.3168



46.3319, 0.3012, 0.3097



10.5087, 0.2984, 0.3164



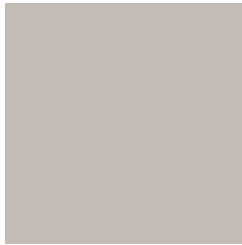
7.6311, 0.1748, 0.1493



0.4676, 0.1866, 0.1917

Previews

White Background



This preview shows how the Yxy color 50.8638, 0.3248, 0.3390 looks on a white background.

Color Contrast Check

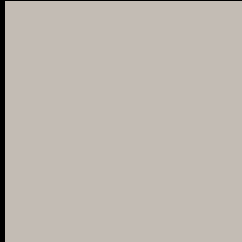
Large Text (above 18pt) WCAG AA × Fail

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 50.8638, 0.3248, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

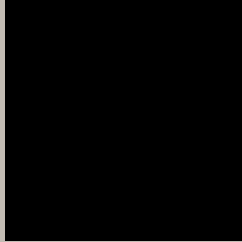
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8638, 0.3248, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 50.8638, 0.3248, 0.3390.

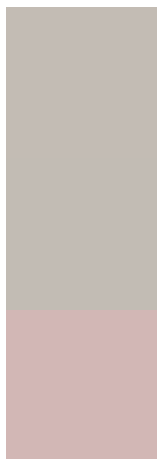


This preview shows how white text looks on a background with the Yxy color 50.8638, 0.3248, 0.3390.

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

50.8638, 0.3248, 0.3390

Protanopia

50.7311, 0.3240, 0.3391

Deuteranopia

50.9048, 0.3377, 0.3315



Tritanopia

50.8738, 0.3119, 0.3108

Trichromacy



Original Color

50.8638, 0.3248, 0.3390

Protanomaly

50.7311, 0.3240, 0.3391

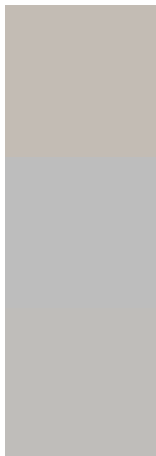
Deuteranomaly

51.0133, 0.3330, 0.3339

Tritanomaly

50.8384, 0.3165, 0.3204

Monochromacy



Original Color

50.8638, 0.3248, 0.3390

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0167, 0.3167, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8638, 0.3248, 0.3390 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(195, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 180)  
}
```

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(195, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 180) }
```

Border

The CSS property to change the border of an element to Yxy 50.8638, 0.3248, 0.3390 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(195, 188, 180) }
```

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

```
.border{ border-color:rgb(195, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8638, 0.3248, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 180) }
```

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

```
.background{ background-color: rgb(195,  
188, 180) }
```

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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