

Converting Colors

$Y_{xy}(50.2712, 0.3293, 0.3245)$

Have a look what the booklet for
Yxy(50.2712, 0.3293, 0.3245)
contains.

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Color

Yxy(50.3913, 0.3292, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	CDB7BA
RGB	205, 183, 186
RGB Percent	80%, 72%, 73%
CMY	0.1959, 0.2824, 0.2706
CMYK	0.00, 0.11, 0.09, 0.20
HSL	352°, 18%, 76%
HSV	352°, 11%, 80%
XYZ	50.9798, 50.3913, 53.4885
YIQ	189.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

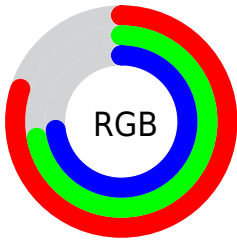
Format	Color
R _Y B	205, 183, 186
Decimal	13481914
CIE Lab	76.31, 8.36, 1.34
CIE LCh	76, 8.471, 9.134
Yxy	50.3913, 0.3292, 0.3254
Android (android.graphics.Color)	4291671994 (0xFFCDB7BA)
YUV	189.9200, -1.9326, 13.2252
Hunter-Lab	70.9868, 3.9643, 5.0158

Details

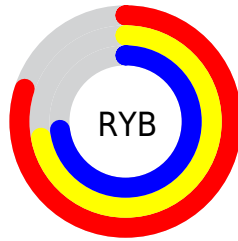
The Yxy color **50.3913, 0.3292, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0129, 0.2983, 0.3326**, and the grayscale version is **51.4532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4038, 0.3215, 0.3261**, and **24.2380, 0.3341, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **41.8355, 0.3484, 0.3218**, and if you desaturate by 10%, it is **60.2771, 0.3137, 0.3288**.

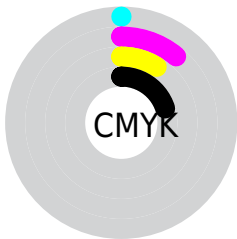
Distribution



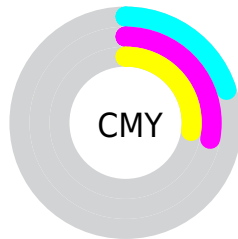
- Red (80%)
- Green (72%)
- Blue (73%)



- Red (80%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (20%)





- Cyan (20%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3913, 0.3292, 0.3254 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 50.3913, 0.3292, 0.3254 by changing the saturation by 10% instead.


 50.3913, 0.3292,
0.3254

 50.3913, 0.3292,
0.3254

388.1942, 0.3210,
0.3272

 35.7244, 0.3312,
0.3249


 90.7544, 0.3263,
0.3261

 24.2214, 0.3338,
0.3244


117.2194, 0.3251,
0.3263

 15.4980, 0.3372,
0.3236


148.3858, 0.3242,
0.3265

 9.1696, 0.3419,
0.3225

184.6382, 0.3234,
0.3267

 4.8520, 0.3488,
0.3208

226.3608, 0.3227,
0.3269

 2.1607, 0.3601,
0.3181

273.9380, 0.3221,


 0.6984, 0.3888,


0.3270


0.3128

327.7544, 0.3215,
0.3271

 0.0000, 0.0000,
0.0000


 50.3913, 0.3292,
0.3254


 50.3913, 0.3292,
0.3254

 41.8355, 0.3484,
0.3218


 60.2771, 0.3137,
0.3288

 34.5464, 0.3721,
0.3182


 71.5392, 0.3013,
0.3319

 28.4659, 0.4012,
0.3146

 84.2300, 0.2912,
0.3347

 23.5285, 0.4361,
0.3115

 91.7244, 0.2833,
0.3289

 19.6624, 0.4763,
0.3094

■ 16.7879, 0.5199,
0.3091

■ 14.8140, 0.5628,
0.3111

■ 13.6328, 0.5992,
0.3157

■ 13.0677, 0.6234,
0.3208

Harmonies

Analogous

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



50.3913, 0.3191, 0.3164



50.3913, 0.3292, 0.3254



50.3913, 0.3349, 0.3354

Triad

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



50.3913, 0.3292, 0.3254



50.3913, 0.3178, 0.3482



50.3913, 0.2914, 0.3136

Complementary

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



50.3913, 0.3292, 0.3254



58.0129, 0.2983, 0.3326

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.



50.3913, 0.2911, 0.3219



50.3913, 0.3292, 0.3254



50.3913, 0.3062, 0.3421

Square

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



50.3913, 0.3292, 0.3254



50.3913, 0.3282, 0.3488



50.3913, 0.2964, 0.3324



50.3913, 0.2973, 0.3096

Rectangle

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



50.3913, 0.3292, 0.3254



50.3913, 0.3353, 0.3415



50.3913, 0.2964, 0.3324



50.3913, 0.2906, 0.3160

Sweetspot

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



50.3935, 0.3292, 0.3254



94.7974, 0.3170, 0.3280



50.7929, 0.3112, 0.3026



20.0004, 0.3182, 0.3277



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.



50.3935, 0.3292, 0.3254



78.9336, 0.3335, 0.3246



53.5377, 0.3306, 0.3384



11.2381, 0.3269, 0.3259



8.1400, 0.6208, 0.3194



0.4282, 0.5760, 0.2947

Inverse Universe

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



50.3935, 0.3292, 0.3254



78.9336, 0.3335, 0.3246



54.5548, 0.2962, 0.3194



11.2381, 0.3269, 0.3259



8.1400, 0.6208, 0.3194



0.4282, 0.5760, 0.2947

Previews

White Background



This preview shows how the Yxy color 50.3913, 0.3292, 0.3254 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 50.3913, 0.3292, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

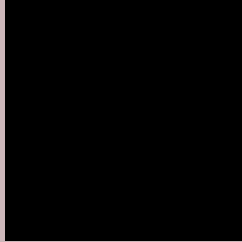
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3913, 0.3292, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 50.3913, 0.3292, 0.3254.



This preview shows how white text looks on a background with the Yxy color 50.3913, 0.3292, 0.3254.

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

50.3913, 0.3292, 0.3254

Protanopia

50.2479, 0.3153, 0.3278

Deuteranopia

50.2665, 0.3310, 0.3242



Tritanopia

50.1551, 0.3221, 0.3110

Trichromacy



Original Color

50.3913, 0.3292, 0.3254

Protanomaly

50.4414, 0.3203, 0.3278

Deuteranomaly

50.1229, 0.3302, 0.3242

Tritanomaly

50.3835, 0.3252, 0.3170

Monochromacy



Original Color

50.3913, 0.3292, 0.3254

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8169, 0.3178, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3913, 0.3292, 0.3254 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(205, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(205, 183, 186)  
}
```

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(205, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 183, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.3913, 0.3292, 0.3254 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(205, 183, 186) }
```

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

```
.border{ border-color:rgb(205, 183, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(205, 183,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3913, 0.3292, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 183, 186) }
```

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

```
.background{ background-color: rgb(205,  
183, 186) }
```

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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