

Converting Colors

Yxy(50.2084, 0.3220, 0.3281)

Have a look what the booklet for
Yxy(50.2084, 0.3220, 0.3281)
contains.

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Color

Yxy(50.1134, 0.3221, 0.3278)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C5B9BA |
| RGB | 197, 185, 186 |
| RGB Percent | 77%, 73%, 73% |
| CMY | 0.2273, 0.2745, 0.2706 |
| CMYK | 0.00, 0.06, 0.06, 0.23 |
| HSL | 355°, 9%, 75% |
| HSV | 355°, 6%, 77% |
| XYZ | 49.2420, 50.1134, 53.5226 |
| YIQ | 188.7020, 6.8310, 2.8550 |

Conversions

Conversions Part 2

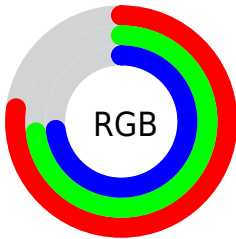
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 197, 185, 186 |
| Decimal | 12958138 |
| CIE Lab | 76.14, 4.43, 1.02 |
| CIE LCh | 76, 4.543, 12.951 |
| Yxy | 50.1134, 0.3221, 0.3278 |
| Android (android.graphics.Color) | 4291148218 (0xFFC5B9BA) |
| YUV | 188.7020, -1.3321, 7.2773 |
| Hunter-Lab | 70.7908, 0.2804, 4.7264 |

Details

The Yxy color **50.1134, 0.3221, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2474, 0.3040, 0.3302**, and the grayscale version is **50.7172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3922, 0.3207, 0.3281**, and **24.0356, 0.3243, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **41.7142, 0.3405, 0.3257**, and if you desaturate by 10%, it is **59.7567, 0.3074, 0.3297**.

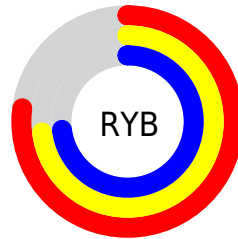
Distribution



Red (77%)

Green (73%)

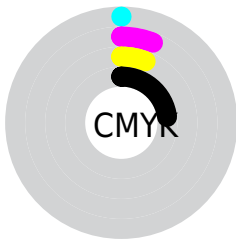
Blue (73%)



Red (77%)

Yellow (73%)

Blue (73%)

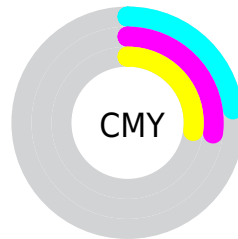


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (23%)



Cyan (23%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1134, 0.3221, 0.3278 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 50.1134, 0.3221, 0.3278 by changing the saturation by 10% instead.


 50.1134, 0.3221,
0.3278

 50.1134, 0.3221,
0.3278


387.1092, 0.3175,
0.3284

 35.5035, 0.3232,
0.3276


 90.3429, 0.3204,
0.3280

 24.0510, 0.3247,
0.3274


116.7312, 0.3198,
0.3281

 15.3715, 0.3266,
0.3272


147.8146, 0.3193,
0.3282

 9.0805, 0.3293,
0.3268

183.9772, 0.3188,
0.3282

 4.7937, 0.3333,
0.3262

225.6036, 0.3184,
0.3283

 2.1267, 0.3397,
0.3253

273.0782, 0.3180,

 0.6796, 0.3586,

0.3283

0.3232

326.7852, 0.3177,
0.3284

0.0000, 0.0000,
0.0000

50.1134, 0.3221,
0.3278

50.1134, 0.3221,
0.3278

41.7142, 0.3405,
0.3257

59.7567, 0.3074,
0.3297

34.5023, 0.3633,
0.3236

70.6849, 0.2955,
0.3315

28.4259, 0.3915,
0.3214

82.9453, 0.2859,
0.3331

23.4274, 0.4257,
0.3194

90.6143, 0.2789,
0.3289

19.4435, 0.4660,
0.3180

■ 16.4049, 0.5106,
0.3175

■ 14.2332, 0.5558,
0.3183

■ 12.8376, 0.5956,
0.3207

■ 12.1036, 0.6238,
0.3244

Harmonies

Analogous

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



50.1134, 0.3169, 0.3227



50.1134, 0.3221, 0.3278



50.1134, 0.3247, 0.3332

Triad

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



50.1134, 0.3221, 0.3278



50.1134, 0.3147, 0.3389



50.1134, 0.3014, 0.3204

Complementary

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



50.1134, 0.3221, 0.3278



54.2474, 0.3040, 0.3302

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.



50.1134, 0.3009, 0.3246



50.1134, 0.3221, 0.3278



50.1134, 0.3085, 0.3354

Square

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



50.1134, 0.3221, 0.3278



50.1134, 0.3204, 0.3397



50.1134, 0.3034, 0.3301



50.1134, 0.3050, 0.3184

Rectangle

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



50.1134, 0.3221, 0.3278



50.1134, 0.3247, 0.3363



50.1134, 0.3034, 0.3301



50.1134, 0.3009, 0.3216

Sweetspot

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



50.1156, 0.3221, 0.3278



96.4912, 0.3157, 0.3286



50.4687, 0.3126, 0.3142



20.6898, 0.3155, 0.3286



0.0000, 0.0000, 0.0000



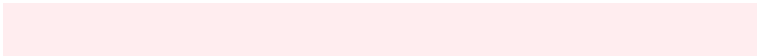
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1156, 0.3221, 0.3278



88.1245, 0.3238, 0.3276



52.2086, 0.3224, 0.3352



11.0203, 0.3244, 0.3275



7.8377, 0.6299, 0.3244



0.3761, 0.5974, 0.3064

Inverse Universe

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



50.1156, 0.3221, 0.3278



88.1245, 0.3238, 0.3276



52.0529, 0.3034, 0.3227



11.0203, 0.3244, 0.3275



7.8377, 0.6299, 0.3244



0.3761, 0.5974, 0.3064

Previews

White Background



This preview shows how the Yxy color 50.1134, 0.3221, 0.3278 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 50.1134, 0.3221, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

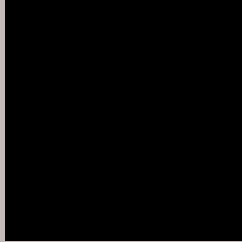
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

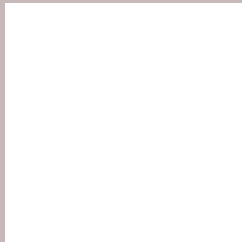
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1134, 0.3221, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 50.1134, 0.3221, 0.3278.

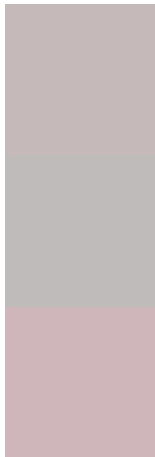


This preview shows how white text looks on a background with the Yxy color 50.1134, 0.3221, 0.3278.

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

50.1134, 0.3221, 0.3278

Protanopia

50.2049, 0.3160, 0.3290

Deuteranopia

50.1656, 0.3293, 0.3230



Tritanopia

50.0863, 0.3144, 0.3107

Trichromacy



Original Color

50.1134, 0.3221, 0.3278

Protanomaly

50.0431, 0.3178, 0.3278

Deuteranomaly

50.1513, 0.3266, 0.3242

Tritanomaly

50.1818, 0.3167, 0.3167

Monochromacy



Original Color

50.1134, 0.3221, 0.3278

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8037, 0.3160, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1134, 0.3221, 0.3278 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(197, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 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(197, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.1134, 0.3221, 0.3278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

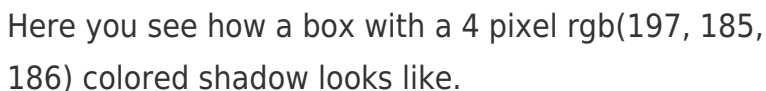
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 185, 186) }
```

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

```
.border{ border-color:rgb(197, 185, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 185, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 185, 186); box-shadow:4px 4px 4px 4px rgb(197, 185, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1134, 0.3221, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 186) }
```

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

```
.background{ background-color: rgb(197,  
185, 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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