

Converting Colors

$Y_{xy}(54.3000, 0.3200, 0.3285)$

Have a look what the booklet for
Yxy(54.3000, 0.3200, 0.3285)
contains.

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Color

Yxy(54.1061, 0.3201, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CAC0C1
RGB	202, 192, 193
RGB Percent	79%, 75%, 76%
CMY	0.2078, 0.2471, 0.2431
CMYK	0.00, 0.05, 0.04, 0.21
HSL	354°, 9%, 77%
HSV	354°, 5%, 79%
XYZ	52.8352, 54.1061, 58.1170
YIQ	195.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

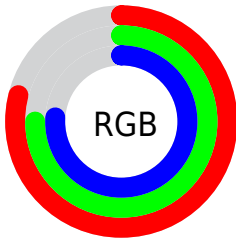
Format	Color
RYB	202, 192, 193
Decimal	13287617
CIELab	78.52, 3.69, 0.74
CIELCh	79, 3.760, 11.299
Yxy	54.1061, 0.3201, 0.3278
Android (android.graphics.Color)	4291477697 (0xFFCAC0C1)
YUV	195.1040, -1.0373, 6.0478
Hunter-Lab	73.5568, -0.5097, 4.6450

Details

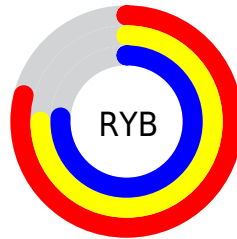
The Yxy color **54.1061, 0.3201, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6694, 0.3058, 0.3302**, and the grayscale version is **54.6445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2344, 0.3166, 0.3281**, and **26.6546, 0.3216, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **45.0762, 0.3377, 0.3253**, and if you desaturate by 10%, it is **64.4578, 0.3060, 0.3302**.

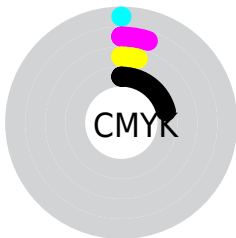
Distribution



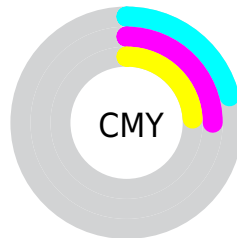
- Red (79%)
- Green (75%)
- Blue (76%)



- Red (79%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (21%)





- Cyan (21%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1061, 0.3201, 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 54.1061, 0.3201, 0.3278 by changing the saturation by 10% instead.


 54.1061, 0.3201,
0.3278

 54.1061, 0.3201,
0.3278


402.5145, 0.3165,
0.3284

 38.6865, 0.3210,
0.3277


 96.2300, 0.3188,
0.3280

 26.5159, 0.3221,
0.3275


123.7031, 0.3183,
0.3281

 17.2100, 0.3235,
0.3272


155.9628, 0.3179,
0.3282

 10.3843, 0.3255,
0.3269

193.3935, 0.3175,
0.3282

 5.6545, 0.3284,
0.3264

236.3797, 0.3172,
0.3283

 2.6362, 0.3330,
0.3255

285.3056, 0.3170,

 0.9449, 0.3413,

0.3283

0.3240

340.5557, 0.3167,
0.3284

0.0000, 0.0000,
0.0000

54.1061, 0.3201,
0.3278

54.1061, 0.3201,
0.3278

45.0762, 0.3377,
0.3253

64.4578, 0.3060,
0.3302

37.3082, 0.3595,
0.3226

76.1741, 0.2946,
0.3323

30.7480, 0.3865,
0.3199

89.3047, 0.2853,
0.3343

25.3349, 0.4194,
0.3174

91.2980, 0.2816,
0.3289

21.0029, 0.4582,
0.3154

■ 17.6792, 0.5018,
0.3146

■ 15.2823, 0.5468,
0.3152

■ 13.7177, 0.5877,
0.3179

■ 12.8707, 0.6182,
0.3222

Harmonies

Analogous

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



54.1061, 0.3159, 0.3238



54.1061, 0.3201, 0.3278



54.1061, 0.3224, 0.3322

Triad

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



54.1061, 0.3201, 0.3278



54.1061, 0.3146, 0.3371



54.1061, 0.3035, 0.3222

Complementary

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



54.1061, 0.3201, 0.3278



57.6694, 0.3058, 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.



54.1061, 0.3032, 0.3257



54.1061, 0.3201, 0.3278



54.1061, 0.3096, 0.3344

Square

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



54.1061, 0.3201, 0.3278



54.1061, 0.3192, 0.3376



54.1061, 0.3054, 0.3302



54.1061, 0.3063, 0.3205

Rectangle

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



54.1061, 0.3201, 0.3278



54.1061, 0.3224, 0.3348



54.1061, 0.3054, 0.3302



54.1061, 0.3031, 0.3232

Sweetspot

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



54.1085, 0.3201, 0.3278



98.2370, 0.3142, 0.3288



54.3601, 0.3123, 0.3170



21.0453, 0.3141, 0.3288



0.0000, 0.0000, 0.0000



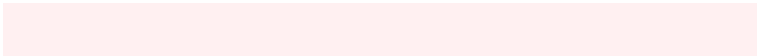
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1085, 0.3201, 0.3278



89.7692, 0.3219, 0.3275



55.7705, 0.3205, 0.3336



11.8208, 0.3227, 0.3274



8.1197, 0.6272, 0.3229



0.4253, 0.5908, 0.3028

Inverse Universe

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



54.1085, 0.3201, 0.3278



89.7692, 0.3219, 0.3275



55.9388, 0.3052, 0.3243



11.8208, 0.3227, 0.3274



8.1197, 0.6272, 0.3229



0.4253, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 54.1061, 0.3201, 0.3278 looks on a white background.

Color Contrast Check

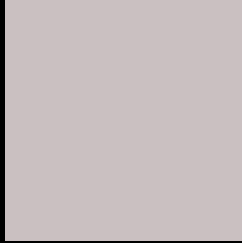
Large Text (above 18pt) WCAG AA × Fail

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 54.1061, 0.3201, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

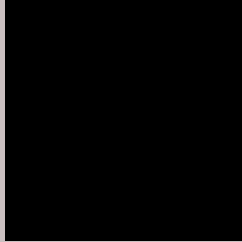
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

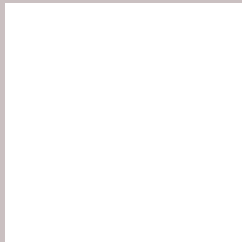
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1061, 0.3201, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 54.1061, 0.3201, 0.3278.

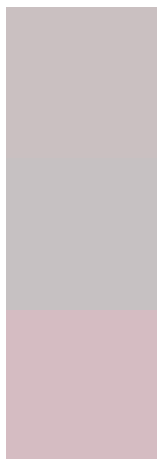


This preview shows how white text looks on a background with the Yxy color 54.1061, 0.3201, 0.3278.

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

54.1061, 0.3201, 0.3278

Protanopia

54.0407, 0.3160, 0.3278

Deuteranopia

54.0076, 0.3289, 0.3220



Tritanopia

54.0721, 0.3127, 0.3112

Trichromacy



Original Color

54.1061, 0.3201, 0.3278

Protanomaly

54.1771, 0.3168, 0.3278

Deuteranomaly

53.8455, 0.3254, 0.3231

Tritanomaly

54.1752, 0.3149, 0.3171

Monochromacy



Original Color

54.1061, 0.3201, 0.3278

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4844, 0.3159, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1061, 0.3201, 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(202, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 192, 193)  
}
```

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(202, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 192, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.1061, 0.3201, 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(202, 192, 193) }
```

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

```
.border{ border-color:rgb(202, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 192,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1061, 0.3201, 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(202, 192, 193) }
```

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

```
.background{ background-color: rgb(202,  
192, 193) }
```

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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