

Converting Colors

$Yxy(54.8073, 0.3137, 0.3162)$

Have a look what the booklet for
Yxy(54.8073, 0.3137, 0.3162)
contains.

Yxy(54.7076, 0.3133, 0.3159)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7076, 0.3133, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	CBC0CB
RGB	203, 192, 203
RGB Percent	80%, 75%, 80%
CMY	0.2040, 0.2470, 0.2038
CMYK	0.00, 0.05, 0.00, 0.20
HSL	300°, 10%, 77%
HSV	300°, 5%, 80%
XYZ	54.2573, 54.7076, 64.2152
YIQ	196.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

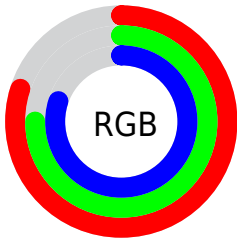
Format	Color
R _Y B	203, 192, 203
Decimal	13353163
CIE Lab	78.87, 5.84, -4.15
CIE LCh	79, 7.163, 324.609
Yxy	54.7076, 0.3133, 0.3159
Android (android.graphics.Color)	4291543243 (0xFFCBC0CB)
YUV	196.5430, 3.1833, 5.6628
Hunter-Lab	73.9646, 1.5021, 0.3003

Details

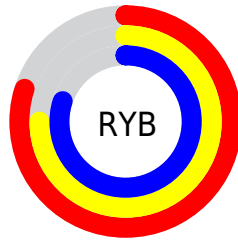
The Yxy color **54.7076, 0.3133, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7424, 0.3121, 0.3425**, and the grayscale version is **55.5253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **27.0247, 0.3135, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **46.3904, 0.3144, 0.2912**, and if you desaturate by 10%, it is **64.2593, 0.3122, 0.3398**.

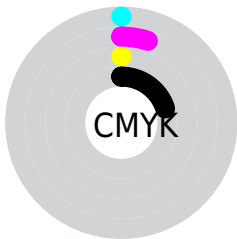
Distribution



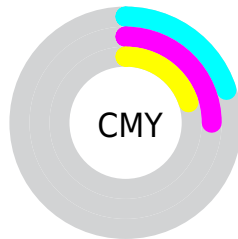
- Red (80%)
- Green (75%)
- Blue (80%)



- Red (80%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7076, 0.3133, 0.3159 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 54.7076, 0.3133, 0.3159 by changing the saturation by 10% instead.

■ 54.7076, 0.3133,
0.3159

■ 54.7076, 0.3133,
0.3159

404.8026, 0.3130,
0.3222

■ 39.1677, 0.3134,
0.3144

■ 97.1124, 0.3132,
0.3181

■ 26.8902, 0.3134,
0.3125

124.7461, 0.3132,
0.3190

■ 17.4908, 0.3135,
0.3100

157.1798, 0.3132,
0.3197

■ 10.5850, 0.3136,
0.3066

194.7979, 0.3131,
0.3204

■ 5.7885, 0.3137,
0.3019

237.9849, 0.3131,
0.3209

■ 2.7169, 0.3138,
0.2945

287.1250, 0.3131,

■ 0.9858, 0.3138,

0.3214

0.2816

342.6028, 0.3131,
0.3218

0.0000, 0.1343,
0.0000

0.0000, 0.0000,
0.0000

54.7076, 0.3133,
0.3159

54.7076, 0.3133,
0.3159

46.3904, 0.3144,
0.2912

64.2593, 0.3122,
0.3398

39.2508, 0.3155,
0.2663

75.0857, 0.3112,
0.3624

33.2374, 0.3165,
0.2420

87.2338, 0.3103,
0.3836

28.2929, 0.3175,
0.2191

88.5672, 0.3102,
0.3856

■ 24.3545, 0.3184,
0.1988

■ 88.5771, 0.3102,
0.3856

■ 21.3531, 0.3191,
0.1817

■ 88.5870, 0.3103,
0.3856

■ 19.2107, 0.3196,
0.1686

■ 88.5969, 0.3103,
0.3856

■ 17.8369, 0.3199,
0.1598

■ 88.6067, 0.3104,
0.3856

■ 17.1209, 0.3200,
0.1551

■ 88.6166, 0.3104,
0.3856

Harmonies

Analogous

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



54.7076, 0.3040, 0.3129



54.7076, 0.3133, 0.3159



54.7076, 0.3226, 0.3222

Triad

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



54.7076, 0.3133, 0.3159



54.7076, 0.3285, 0.3439



54.7076, 0.2965, 0.3273

Complementary

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



54.7076, 0.3133, 0.3159



57.7424, 0.3121, 0.3425

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.



54.7076, 0.3029, 0.3359



54.7076, 0.3133, 0.3159



54.7076, 0.3213, 0.3456

Square

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



54.7076, 0.3133, 0.3159



54.7076, 0.3314, 0.3383



54.7076, 0.3119, 0.3427



54.7076, 0.2944, 0.3193

Rectangle

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



54.7076, 0.3133, 0.3159



54.7076, 0.3274, 0.3276



54.7076, 0.3119, 0.3427



54.7076, 0.2982, 0.3302

Sweetspot

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



54.7100, 0.3133, 0.3159



96.7857, 0.3129, 0.3241



53.3032, 0.3046, 0.3158



20.7498, 0.3129, 0.3244



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.



54.7100, 0.3133, 0.3159



89.1236, 0.3135, 0.3118



54.4657, 0.3173, 0.3222



11.7594, 0.3135, 0.3108



10.7624, 0.3201, 0.1537



0.5559, 0.3202, 0.1538

Inverse Universe

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



54.2100, 0.3217, 0.3290



88.0421, 0.3247, 0.3290



57.9779, 0.3083, 0.3359



11.6075, 0.3254, 0.3290



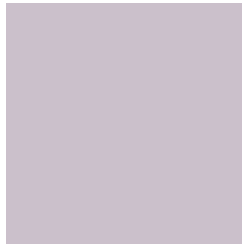
8.0813, 0.6397, 0.3297



0.4171, 0.6382, 0.3289

Previews

White Background



This preview shows how the Yxy color 54.7076, 0.3133, 0.3159 looks on a white background.

Color Contrast Check

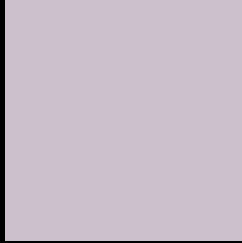
Large Text (above 18pt) WCAG AA × Fail

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 54.7076, 0.3133, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

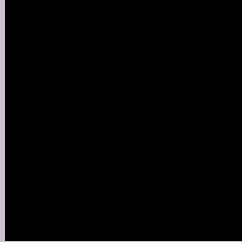
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

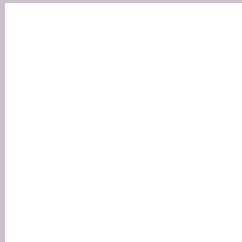
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7076, 0.3133, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 54.7076, 0.3133, 0.3159.



This preview shows how white text looks on a background with the Yxy color 54.7076, 0.3133, 0.3159.

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

54.7076, 0.3133, 0.3159

Protanopia

54.6790, 0.3069, 0.3169

Deuteranopia

54.4565, 0.3184, 0.3115



Tritanopia

54.6040, 0.3112, 0.3101

Trichromacy



Original Color

54.7076, 0.3133, 0.3159

Protanomaly

54.6417, 0.3093, 0.3158

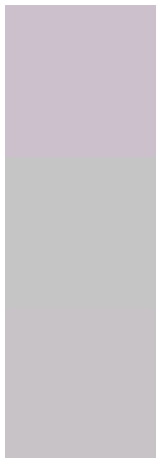
Deuteranomaly

54.4519, 0.3159, 0.3125

Tritanomaly

54.5552, 0.3119, 0.3113

Monochromacy



Original Color

54.7076, 0.3133, 0.3159

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2958, 0.3129, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7076, 0.3133, 0.3159 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(203, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 192, 203)  
}
```

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(203, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 192, 203) }
```

Border

The CSS property to change the border of an element to Yxy 54.7076, 0.3133, 0.3159 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(203, 192, 203) }
```

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

```
.border{ border-color:rgb(203, 192, 203) }
```

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

Here you see how a box with a 4 pixel rgb(203, 192, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 192,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7076, 0.3133, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 192, 203) }
```

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

```
.background{ background-color: rgb(203,  
192, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor