

Converting Colors

Yxy(52.0465, 0.3159, 0.3190)

Have a look what the booklet for
Yxy(52.0465, 0.3159, 0.3190)
contains.

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Color

Yxy(52.0941, 0.3156, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	C7BCC4
RGB	199, 188, 196
RGB Percent	78%, 74%, 77%
CMY	0.2198, 0.2627, 0.2314
CMYK	0.00, 0.05, 0.01, 0.22
HSL	316°, 9%, 76%
HSV	316°, 5%, 78%
XYZ	51.4904, 52.0941, 59.5664
YIQ	192.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

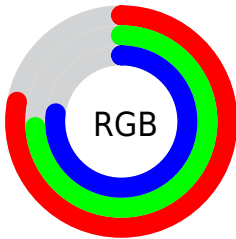
Format	Color
R _Y B	199, 188, 196
Decimal	13089988
CIE Lab	77.34, 5.28, -2.65
CIE LCh	77, 5.909, 333.394
Yxy	52.0941, 0.3156, 0.3193
Android (android.graphics.Color)	4291280068 (0xFFC7BCC4)
YUV	192.2010, 1.8729, 5.9627
Hunter-Lab	72.1762, 1.0333, 1.5919

Details

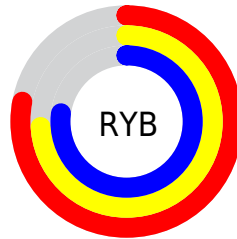
The Yxy color **52.0941, 0.3156, 0.3193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2786, 0.3099, 0.3389**, and the grayscale version is **52.8208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0532, 0.3144, 0.3204**, and **25.3007, 0.3166, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **43.9326, 0.3216, 0.3010**, and if you desaturate by 10%, it is **61.4406, 0.3105, 0.3367**.

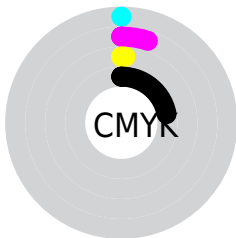
Distribution



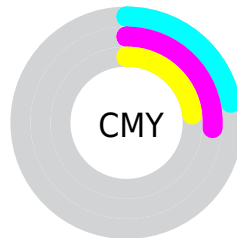
- Red (78%)
- Green (74%)
- Blue (77%)



- Red (78%)
- Yellow (74%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0941, 0.3156, 0.3193 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 52.0941, 0.3156, 0.3193 by changing the saturation by 10% instead.


 52.0941, 0.3156,
0.3193

 52.0941, 0.3156,
0.3193

394.7998, 0.3142,
0.3240

 37.0801, 0.3159,
0.3182


 93.2700, 0.3151,
0.3210

 25.2695, 0.3164,
0.3167


120.2007, 0.3149,
0.3216

 16.2780, 0.3169,
0.3148


151.8724, 0.3148,
0.3222

 9.7211, 0.3177,
0.3122

188.6695, 0.3146,
0.3227

 5.2144, 0.3188,
0.3084

230.9764, 0.3145,
0.3231

 2.3736, 0.3204,
0.3025

279.1774, 0.3144,

 0.8123, 0.3237,

0.3234

0.2913

333.6571, 0.3143,
0.3238

0.0000, 0.0000,
0.0000

52.0941, 0.3156,
0.3193

52.0941, 0.3156,
0.3193

43.9326, 0.3216,
0.3010

61.4406, 0.3105,
0.3367

36.9017, 0.3285,
0.2822

72.0104, 0.3063,
0.3531

30.9526, 0.3364,
0.2634

83.8484, 0.3027,
0.3683

26.0304, 0.3454,
0.2454

88.6898, 0.2997,
0.3697

22.0755, 0.3553,
0.2290

88.9745, 0.2968,
0.3637

■ 19.0217, 0.3659,
0.2153

■ 89.2684, 0.2939,
0.3578

■ 16.7950, 0.3770,
0.2053

■ 89.5716, 0.2910,
0.3519

■ 15.3092, 0.3882,
0.1999

■ 89.8841, 0.2882,
0.3460

■ 14.4585, 0.3990,
0.1992

■ 90.2060, 0.2854,
0.3402

Harmonies

Analogous

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



52.0941, 0.3076, 0.3159



52.0941, 0.3156, 0.3193



52.0941, 0.3229, 0.3252

Triad

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



52.0941, 0.3156, 0.3193



52.0941, 0.3245, 0.3423



52.0941, 0.2981, 0.3255

Complementary

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



52.0941, 0.3156, 0.3193



55.2786, 0.3099, 0.3389

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.



52.0941, 0.3026, 0.3328



52.0941, 0.3156, 0.3193



52.0941, 0.3177, 0.3425

Square

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



52.0941, 0.3156, 0.3193



52.0941, 0.3281, 0.3385



52.0941, 0.3097, 0.3390



52.0941, 0.2976, 0.3193

Rectangle

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



52.0941, 0.3156, 0.3193



52.0941, 0.3264, 0.3299



52.0941, 0.3097, 0.3390



52.0941, 0.2992, 0.3279

Sweetspot

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



52.0964, 0.3156, 0.3193



96.7008, 0.3138, 0.3255



51.1646, 0.3068, 0.3155



20.7325, 0.3137, 0.3256



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.



52.0964, 0.3156, 0.3193



88.8290, 0.3165, 0.3164



51.8535, 0.3198, 0.3259



11.1137, 0.3167, 0.3157



9.1436, 0.4025, 0.1991



0.4446, 0.3818, 0.1877

Inverse Universe

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



52.0964, 0.3156, 0.3193



88.8290, 0.3165, 0.3164



55.5222, 0.3061, 0.3321



11.1137, 0.3167, 0.3157



9.1436, 0.4025, 0.1991



0.4446, 0.3818, 0.1877

Previews

White Background



This preview shows how the Yxy color 52.0941, 0.3156, 0.3193 looks on a white background.

Color Contrast Check

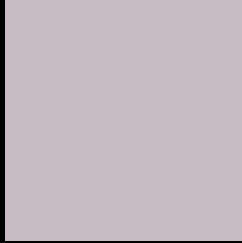
Large Text (above 18pt) WCAG AA × Fail

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 52.0941, 0.3156, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

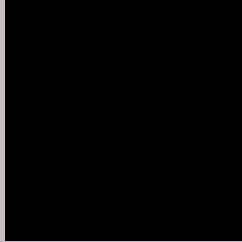
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

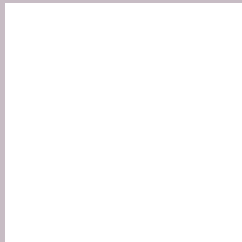
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0941, 0.3156, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 52.0941, 0.3156, 0.3193.



This preview shows how white text looks on a background with the Yxy color 52.0941, 0.3156, 0.3193.

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

52.0941, 0.3156, 0.3193

Protanopia

52.1956, 0.3099, 0.3204

Deuteranopia

51.9945, 0.3218, 0.3147



Tritanopia

52.0843, 0.3119, 0.3109

Trichromacy



Original Color

52.0941, 0.3156, 0.3193

Protanomaly

52.0285, 0.3115, 0.3192

Deuteranomaly

51.9864, 0.3192, 0.3158

Tritanomaly

51.9901, 0.3135, 0.3133

Monochromacy



Original Color

52.0941, 0.3156, 0.3193

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7140, 0.3145, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0941, 0.3156, 0.3193 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(199, 188, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 196)  
}
```

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(199, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 196) }
```

Border

The CSS property to change the border of an element to Yxy 52.0941, 0.3156, 0.3193 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(199, 188, 196) }
```

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

```
.border{ border-color:rgb(199, 188, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0941, 0.3156, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 196) }
```

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

```
.background{ background-color: rgb(199,  
188, 196) }
```

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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