

Converting Colors

Yxy(52.6957, 0.3119, 0.3110)

Have a look what the booklet for
Yxy(52.6957, 0.3119, 0.3110)
contains.

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Color

Yxy(52.6957, 0.3119, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	C9BCCB
RGB	201, 188, 203
RGB Percent	79%, 74%, 80%
CMY	0.2118, 0.2627, 0.2039
CMYK	0.01, 0.07, 0.00, 0.20
HSL	292°, 13%, 77%
HSV	292°, 7%, 80%
XYZ	52.8482, 52.6957, 63.8957
YIQ	193.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

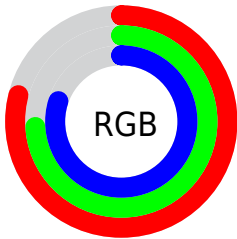
Format	Color
R _Y B	201, 188, 203
Decimal	13221067
CIE Lab	77.69, 7.29, -5.90
CIE LCh	78, 9.380, 321.026
Yxy	52.6957, 0.3119, 0.3110
Android (android.graphics.Color)	4291411147 (0xFFC9BCCB)
YUV	193.5970, 4.6357, 6.4924
Hunter-Lab	72.5918, 2.9157, -1.3731

Details

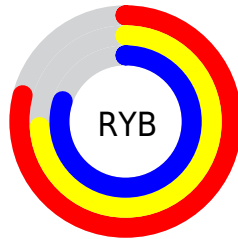
The Yxy color `52.6957, 0.3119, 0.3110` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.3036, 0.3134, 0.3475`, and the grayscale version is `53.6696, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.1814, 0.3132, 0.3185`, and `25.7009, 0.3116, 0.3065` is the 20% darker color. If you saturate the color by 10%, you get `44.2474, 0.3105, 0.2858`, and if you desaturate by 10%, it is `62.3755, 0.3130, 0.3352`.

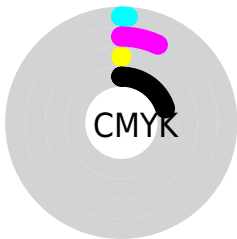
Distribution



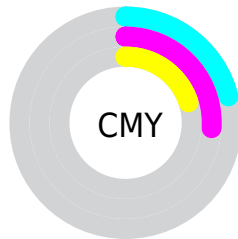
- Red (79%)
- Green (74%)
- Blue (80%)



- Red (79%)
- Yellow (74%)
- Blue (80%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)




- Cyan (21%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6957, 0.3119, 0.3110 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 52.6957, 0.3119, 0.3110 by changing the saturation by 10% instead.


 52.6957, 0.3119,
0.3110

 52.6957, 0.3119,
0.3110


397.1166, 0.3124,
0.3197

 37.5599, 0.3118,
0.3089


 94.1564, 0.3121,
0.3141

 25.6413, 0.3116,
0.3063


121.2502, 0.3121,
0.3153

 16.5555, 0.3114,
0.3028


153.0987, 0.3122,
0.3163

 9.9181, 0.3110,
0.2982

190.0864, 0.3122,
0.3172

 5.3447, 0.3105,
0.2915

232.5976, 0.3123,
0.3179

 2.4509, 0.3096,
0.2812

281.0168, 0.3123,

 0.8519, 0.3076,

0.3186

0.2630

335.7283, 0.3123,
0.3192

0.0000, 0.0000,
0.0000

52.6957, 0.3119,
0.3110

52.6957, 0.3119,
0.3110

44.2474, 0.3105,
0.2858

62.3755, 0.3130,
0.3352

36.9731, 0.3088,
0.2600

73.3277, 0.3137,
0.3579

30.8208, 0.3066,
0.2344

85.5998, 0.3143,
0.3790

25.7321, 0.3041,
0.2101

89.8270, 0.3156,
0.3847

21.6430, 0.3012,
0.1879

90.2391, 0.3173,
0.3844

■ 18.4829, 0.2980,
0.1688

■ 90.6582, 0.3191,
0.3841

■ 16.1717, 0.2947,
0.1538

■ 91.0843, 0.3208,
0.3839

■ 14.6159, 0.2912,
0.1431

■ 91.5175, 0.3226,
0.3836

■ 13.6855, 0.2876,
0.1367

■ 91.9577, 0.3243,
0.3833

Harmonies

Analogous

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



52.6957, 0.2998, 0.3077



52.6957, 0.3119, 0.3110



52.6957, 0.3244, 0.3189

Triad

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



52.6957, 0.3119, 0.3110



52.6957, 0.3345, 0.3481



52.6957, 0.2920, 0.3281

Complementary

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



52.6957, 0.3119, 0.3110



57.3036, 0.3134, 0.3475

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.



52.6957, 0.3009, 0.3394



52.6957, 0.3119, 0.3110



52.6957, 0.3254, 0.3511

Square

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



52.6957, 0.3119, 0.3110



52.6957, 0.3376, 0.3401



52.6957, 0.3131, 0.3480



52.6957, 0.2885, 0.3172

Rectangle

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



52.6957, 0.3119, 0.3110



52.6957, 0.3313, 0.3257



52.6957, 0.3131, 0.3480



52.6957, 0.2944, 0.3320

Sweetspot

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



52.6980, 0.3119, 0.3110



96.6583, 0.3125, 0.3241



51.9445, 0.3015, 0.3132



20.7239, 0.3125, 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.



52.6980, 0.3119, 0.3110



85.6366, 0.3117, 0.3067



52.7353, 0.3176, 0.3173



11.3237, 0.3116, 0.3060



8.6107, 0.2872, 0.1356



0.4660, 0.2942, 0.1394

Inverse Universe

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



52.3884, 0.3236, 0.3266



85.0087, 0.3264, 0.3260



57.2743, 0.3081, 0.3410



11.2380, 0.3269, 0.3259



8.1397, 0.6210, 0.3194



0.4282, 0.5762, 0.2948

Previews

White Background



This preview shows how the Yxy color 52.6957, 0.3119, 0.3110 looks on a white background.

Color Contrast Check

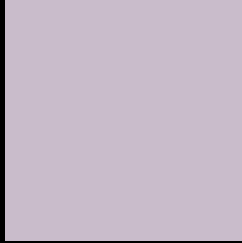
Large Text (above 18pt) WCAG AA × Fail

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 52.6957, 0.3119, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

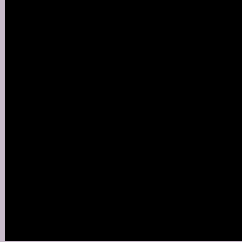
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

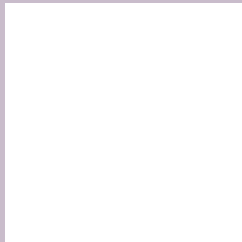
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6957, 0.3119, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 52.6957, 0.3119, 0.3110.

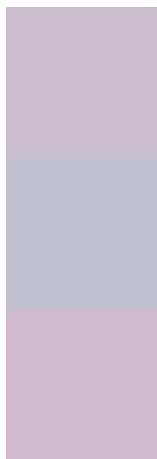


This preview shows how white text looks on a background with the Yxy color 52.6957, 0.3119, 0.3110.

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

52.6957, 0.3119, 0.3110

Protanopia

52.8758, 0.3031, 0.3119

Deuteranopia

52.5514, 0.3161, 0.3089



Tritanopia

52.6957, 0.3119, 0.3110

Trichromacy



Original Color

52.6957, 0.3119, 0.3110

Protanomaly

52.7886, 0.3063, 0.3120

Deuteranomaly

52.6898, 0.3144, 0.3100

Tritanomaly

52.6957, 0.3119, 0.3110

Monochromacy



Original Color

52.6957, 0.3119, 0.3110

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6008, 0.3130, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6957, 0.3119, 0.3110 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(201, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(201, 188, 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(201, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 188, 203) }
```

Border

The CSS property to change the border of an element to Yxy 52.6957, 0.3119, 0.3110 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(201, 188, 203) }
```

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

```
.border{ border-color:rgb(201, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 188,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6957, 0.3119, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 188, 203) }
```

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

```
.background{ background-color: rgb(201,  
188, 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](#).

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