

Converting Colors

$Y_{xy}(52.8600, 0.3028, 0.3115)$

Have a look what the booklet for
Yxy(52.8600, 0.3028, 0.3115)
contains.

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Color

Yxy(52.8758, 0.3031, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	C0BFCD
RGB	192, 191, 205
RGB Percent	75%, 75%, 80%
CMY	0.2472, 0.2509, 0.1960
CMYK	0.06, 0.07, 0.00, 0.20
HSL	244°, 12%, 78%
HSV	244°, 7%, 80%
XYZ	51.3840, 52.8758, 65.2683
YIQ	192.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

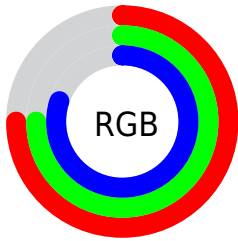
Format	Color
R _Y B	192, 191, 205
Decimal	12632013
CIE Lab	77.80, 3.00, -6.91
CIE LCh	78, 7.530, 293.480
Yxy	52.8758, 0.3031, 0.3119
Android (android.graphics.Color)	4290822093 (0xFFC0BFCD)
YUV	192.8950, 5.9678, -0.7849
Hunter-Lab	72.7157, -1.1171, -2.3166

Details

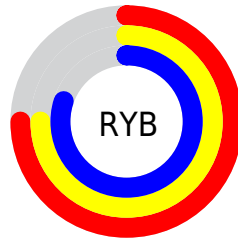
The Yxy color **52.8758, 0.3031, 0.3119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2819, 0.3220, 0.3456**, and the grayscale version is **53.2287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6980, 0.3086, 0.3212**, and **25.9003, 0.3009, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **42.2185, 0.2874, 0.2841**, and if you desaturate by 10%, it is **65.1130, 0.3169, 0.3364**.

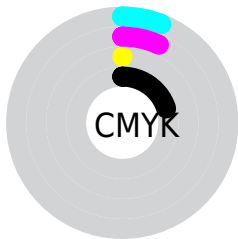
Distribution



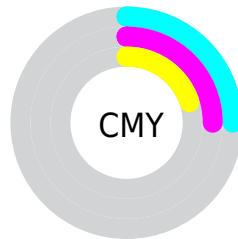
- Red (75%)
- Green (75%)
- Blue (80%)



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



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8758, 0.3031, 0.3119 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 52.8758, 0.3031, 0.3119 by changing the saturation by 10% instead.

■ 52.8758, 0.3031,
0.3119

■ 52.8758, 0.3031,
0.3119

397.8084, 0.3078,
0.3202

■ 37.7036, 0.3019,
0.3099

■ 94.4216, 0.3048,
0.3149

■ 25.7527, 0.3005,
0.3074

121.5640, 0.3054,
0.3160

■ 16.6388, 0.2985,
0.3040

153.4653, 0.3060,
0.3170

■ 9.9773, 0.2959,
0.2995

190.5098, 0.3065,
0.3178

■ 5.3839, 0.2920,
0.2931

233.0820, 0.3069,
0.3185

■ 2.4742, 0.2859,
0.2830

281.5662, 0.3072,

■ 0.8637, 0.2747,

0.3192

0.2650

336.3469, 0.3075,
0.3197

0.0000, 0.0000,
0.0000

52.8758, 0.3031,
0.3119

52.8758, 0.3031,
0.3119

42.2185, 0.2874,
0.2841

65.1130, 0.3169,
0.3364

33.0704, 0.2696,
0.2533

78.9838, 0.3288,
0.3578

25.3651, 0.2502,
0.2198

94.5476, 0.3390,
0.3763

19.0290, 0.2298,
0.1850

97.1888, 0.3424,
0.3780

13.9818, 0.2092,
0.1506

■ 10.1349, 0.1899,
0.1190

■ 7.3884, 0.1734,
0.0927

■ 5.6263, 0.1611,
0.0739

■ 4.6987, 0.1535,
0.0634

Harmonies

Analogous

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



52.8758, 0.2959, 0.3133



52.8758, 0.3031, 0.3119



52.8758, 0.3129, 0.3149

Triad

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



52.8758, 0.3031, 0.3119



52.8758, 0.3326, 0.3386



52.8758, 0.3026, 0.3367

Complementary

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



52.8758, 0.3031, 0.3119



60.2819, 0.3220, 0.3456

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.



52.8758, 0.3123, 0.3437



52.8758, 0.3031, 0.3119



52.8758, 0.3297, 0.3447

Square

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



52.8758, 0.3031, 0.3119



52.8758, 0.3301, 0.3301



52.8758, 0.3222, 0.3467



52.8758, 0.2956, 0.3275

Rectangle

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



52.8758, 0.3031, 0.3119



52.8758, 0.3197, 0.3190



52.8758, 0.3222, 0.3467



52.8758, 0.3056, 0.3394

Sweetspot

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



52.8780, 0.3031, 0.3119



95.8988, 0.3100, 0.3241



58.7142, 0.3022, 0.3278



20.5692, 0.3101, 0.3243



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.



52.8780, 0.3031, 0.3119



84.2391, 0.3012, 0.3086



53.8113, 0.3086, 0.3122



10.8799, 0.2993, 0.3051



2.8172, 0.1524, 0.0613



0.1584, 0.1604, 0.0657

Inverse Universe

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



54.6121, 0.3142, 0.3136



87.5786, 0.3145, 0.3107



59.3167, 0.3166, 0.3459



11.3900, 0.3148, 0.3077



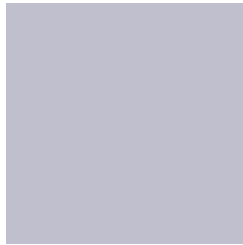
10.4282, 0.3386, 0.1639



0.5420, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 52.8758, 0.3031, 0.3119 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 52.8758, 0.3031, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

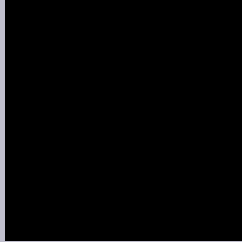
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

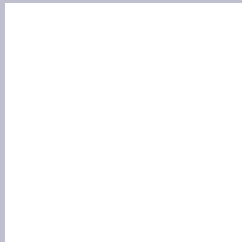
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8758, 0.3031, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 52.8758, 0.3031, 0.3119.

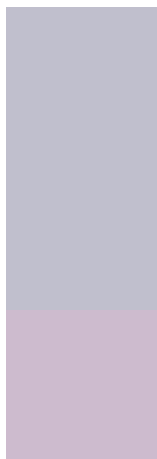


This preview shows how white text looks on a background with the Yxy color 52.8758, 0.3031, 0.3119.

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

52.8758, 0.3031, 0.3119

Protanopia

52.8758, 0.3031, 0.3119

Deuteranopia

52.9760, 0.3130, 0.3065



Tritanopia

52.9243, 0.3024, 0.3107

Trichromacy



Original Color

52.8758, 0.3031, 0.3119

Protanomaly

52.8758, 0.3031, 0.3119

Deuteranomaly

52.7020, 0.3089, 0.3074

Tritanomaly

52.9243, 0.3024, 0.3107

Monochromacy



Original Color

52.8758, 0.3031, 0.3119

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0679, 0.3098, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8758, 0.3031, 0.3119 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(192, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(192, 191, 205)  
}
```

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(192, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 191, 205) }
```

Border

The CSS property to change the border of an element to Yxy 52.8758, 0.3031, 0.3119 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(192, 191, 205) }
```

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

```
.border{ border-color:rgb(192, 191, 205) }
```

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

Here you see how a box with a 4 pixel rgb(192, 191, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(192, 191,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8758, 0.3031, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 191, 205) }
```

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

```
.background{ background-color: rgb(192,  
191, 205) }
```

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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