

Converting Colors

Yxy(52.9158, 0.3040, 0.3063)

Have a look what the booklet for
Yxy(52.9158, 0.3040, 0.3063)
contains.

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Color

Yxy(52.6850, 0.3041, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	C4BDD0
RGB	196, 189, 208
RGB Percent	77%, 74%, 82%
CMY	0.2315, 0.2588, 0.1843
CMYK	0.06, 0.09, 0.00, 0.18
HSL	262°, 17%, 78%
HSV	262°, 9%, 82%
XYZ	52.3408, 52.6850, 67.0912
YIQ	193.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

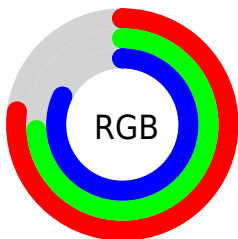
Format	Color
R _{YB}	196, 189, 208
Decimal	12893648
CIE Lab	77.69, 6.00, -8.66
CIE LCh	78, 10.533, 304.724
Yxy	52.6850, 0.3041, 0.3061
Android (android.graphics.Color)	4291083728 (0xFFC4BDD0)
YUV	193.2590, 7.2673, 2.4039
Hunter-Lab	72.5844, 1.6939, -3.9938

Details

The Yxy color **52.6850, 0.3041, 0.3061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2185, 0.3208, 0.3516**, and the grayscale version is **53.4445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4075, 0.3119, 0.3194**, and **25.6922, 0.3011, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **42.6778, 0.2932, 0.2787**, and if you desaturate by 10%, it is **64.1358, 0.3135, 0.3311**.

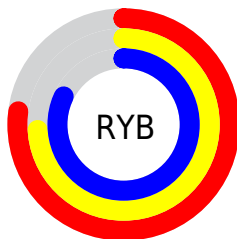
Distribution



Red (77%)

Green (74%)

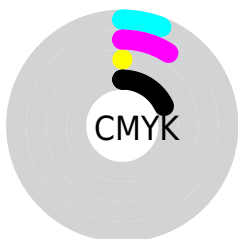
Blue (82%)



Red (77%)

Yellow (74%)

Blue (82%)

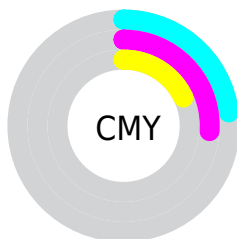


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (26%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6850, 0.3041, 0.3061 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 52.6850, 0.3041, 0.3061 by changing the saturation by 10% instead.

■ 52.6850, 0.3041,
0.3061

■ 52.6850, 0.3041,
0.3061

■ 397.0754, 0.3084,
0.3172

■ 37.5514, 0.3030,
0.3034

■ 94.1407, 0.3056,
0.3100

■ 25.6347, 0.3017,
0.3001

■ 121.2315, 0.3062,
0.3115

■ 16.5505, 0.2999,
0.2957

■ 153.0769, 0.3067,
0.3128

■ 9.9146, 0.2975,
0.2898

■ 190.0612, 0.3071,
0.3139

■ 5.3423, 0.2939,
0.2814

■ 232.5688, 0.3075,
0.3149

■ 2.4495, 0.2881,
0.2685

■ 280.9841, 0.3078,

■ 0.8512, 0.2774,

0.3158

0.2458

335.6915, 0.3081,
0.3165

0.0000, 0.0000,
0.0000

52.6850, 0.3041,
0.3061

52.6850, 0.3041,
0.3061

42.6778, 0.2932,
0.2787

64.1358, 0.3135,
0.3311

34.0491, 0.2808,
0.2492

77.0783, 0.3215,
0.3535

26.7387, 0.2669,
0.2182

91.5669, 0.3282,
0.3735

20.6794, 0.2517,
0.1867

96.1674, 0.3364,
0.3757

15.7976, 0.2358,
0.1562

97.3346, 0.3406,
0.3750

■ 12.0121, 0.2197,
0.1285

■ 9.2308, 0.2045,
0.1053

■ 7.3454, 0.1908,
0.0879

■ 6.1798, 0.1793,
0.0765

Harmonies

Analogous

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



52.6850, 0.2924, 0.3056



52.6850, 0.3041, 0.3061



52.6850, 0.3184, 0.3123

Triad

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



52.6850, 0.3041, 0.3061



52.6850, 0.3400, 0.3460



52.6850, 0.2943, 0.3350

Complementary

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



52.6850, 0.3041, 0.3061



61.2185, 0.3208, 0.3516

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.



52.6850, 0.3067, 0.3466



52.6850, 0.3041, 0.3061



52.6850, 0.3332, 0.3528

Square

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



52.6850, 0.3041, 0.3061



52.6850, 0.3394, 0.3350



52.6850, 0.3209, 0.3531



52.6850, 0.2868, 0.3220

Rectangle

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



52.6850, 0.3041, 0.3061



52.6850, 0.3274, 0.3190



52.6850, 0.3209, 0.3531



52.6850, 0.2980, 0.3392

Sweetspot

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



52.6872, 0.3041, 0.3061



94.3070, 0.3100, 0.3216



57.3180, 0.2987, 0.3209



19.8677, 0.3092, 0.3196



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.



52.6872, 0.3041, 0.3061



80.1707, 0.3020, 0.3008



53.9589, 0.3115, 0.3066



11.6251, 0.3038, 0.3054



3.8474, 0.1798, 0.0764



0.2596, 0.2008, 0.0880

Inverse Universe

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



54.0337, 0.3191, 0.3148



82.7478, 0.3206, 0.3116



59.9807, 0.3138, 0.3521



11.9326, 0.3193, 0.3144



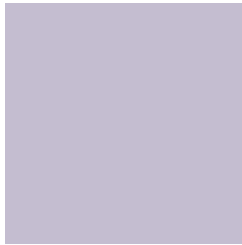
9.4144, 0.4391, 0.2193



0.5414, 0.4119, 0.2043

Previews

White Background



This preview shows how the Yxy color 52.6850, 0.3041, 0.3061 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 52.6850, 0.3041, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

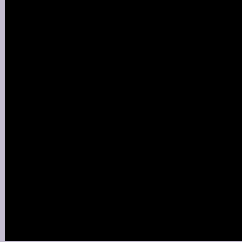
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

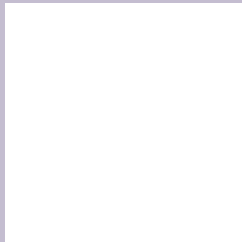
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6850, 0.3041, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 52.6850, 0.3041, 0.3061.



This preview shows how white text looks on a background with the Yxy color 52.6850, 0.3041, 0.3061.

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

52.6850, 0.3041, 0.3061

Protanopia

52.8122, 0.2987, 0.3071

Deuteranopia

52.7912, 0.3098, 0.3041



Tritanopia

52.8368, 0.3055, 0.3108

Trichromacy



Original Color

52.6850, 0.3041, 0.3061

Protanomaly

52.6368, 0.3003, 0.3059

Deuteranomaly

52.7999, 0.3074, 0.3051

Tritanomaly

52.8852, 0.3048, 0.3096

Monochromacy



Original Color

52.6850, 0.3041, 0.3061

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2458, 0.3098, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6850, 0.3041, 0.3061 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(196, 189, 208)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 208)  
}
```

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(196, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 208) }
```

Border

The CSS property to change the border of an element to Yxy 52.6850, 0.3041, 0.3061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

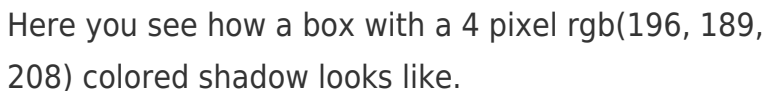
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 189, 208) }
```

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

```
.border{ border-color:rgb(196, 189, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 189, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 189, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 189, 208); box-shadow:4px 4px 4px 4px rgb(196, 189, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6850, 0.3041, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 208) }
```

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

```
.background{ background-color: rgb(196,  
189, 208) }
```

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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