

Converting Colors

$Yxy(52.7402, 0.3062, 0.3086)$

Have a look what the booklet for
Yxy(52.7402, 0.3062, 0.3086)
contains.

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Color

Yxy(52.7217, 0.3064, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	C5BDCE
RGB	197, 189, 206
RGB Percent	77%, 74%, 81%
CMY	0.2275, 0.2588, 0.1921
CMYK	0.04, 0.08, 0.00, 0.19
HSL	268°, 15%, 77%
HSV	268°, 8%, 81%
XYZ	52.3628, 52.7217, 65.8124
YIQ	193.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

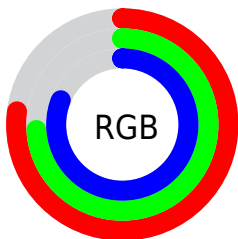
Format	Color
R _Y B	197, 189, 206
Decimal	12959182
CIE Lab	77.71, 5.96, -7.53
CIE LCh	78, 9.606, 308.374
Yxy	52.7217, 0.3064, 0.3085
Android (android.graphics.Color)	4291149262 (0xFFC5BDCE)
YUV	193.3300, 6.2463, 3.2186
Hunter-Lab	72.6097, 1.6591, -2.9128

Details

The Yxy color `52.7217, 0.3064, 0.3085` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `59.8289, 0.3186, 0.3495`, and the grayscale version is `53.4962, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.5956, 0.3125, 0.3194`, and `25.7150, 0.3042, 0.3032` is the 20% darker color. If you saturate the color by 10%, you get `43.0597, 0.2976, 0.2817`, and if you desaturate by 10%, it is `63.7539, 0.3139, 0.3331`.

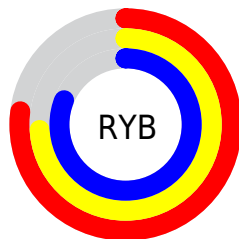
Distribution



Red (77%)

Green (74%)

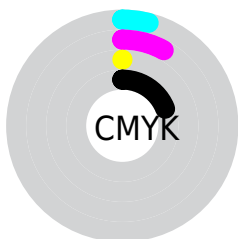
Blue (81%)



Red (77%)

Yellow (74%)

Blue (81%)

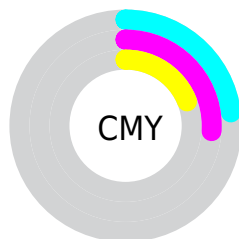


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (19%)



Cyan (23%)

Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7217, 0.3064, 0.3085 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 52.7217, 0.3064, 0.3085 by changing the saturation by 10% instead.

■ 52.7217, 0.3064,
0.3085

■ 52.7217, 0.3064,
0.3085

■ 397.2165, 0.3095,
0.3184

■ 37.5806, 0.3056,
0.3061

■ 94.1947, 0.3075,
0.3120

■ 25.6574, 0.3046,
0.3031

■ 121.2955, 0.3080,
0.3134

■ 16.5675, 0.3033,
0.2992

■ 153.1516, 0.3083,
0.3145

■ 9.9266, 0.3015,
0.2939

■ 190.1475, 0.3086,
0.3155

■ 5.3503, 0.2988,
0.2863

■ 232.6675, 0.3089,
0.3164

■ 2.4542, 0.2945,
0.2746

■ 281.0961, 0.3091,

■ 0.8536, 0.2864,

0.3171

0.2540

335.8176, 0.3094,
0.3178

0.0000, 0.0000,
0.0000

52.7217, 0.3064,
0.3085

52.7217, 0.3064,
0.3085

43.0597, 0.2976,
0.2817

63.7539, 0.3139,
0.3331

34.7061, 0.2874,
0.2531

76.2014, 0.3203,
0.3555

27.6043, 0.2759,
0.2233

90.1154, 0.3257,
0.3756

21.6908, 0.2632,
0.1932

94.6224, 0.3323,
0.3785

16.8965, 0.2497,
0.1642

96.5995, 0.3395,
0.3774

■ 13.1448, 0.2357,
0.1378

■ 97.2366, 0.3418,
0.3770

■ 10.3490, 0.2220,
0.1155

■ 8.4077, 0.2092,
0.0985

■ 7.1692, 0.1977,
0.0870

Harmonies

Analogous

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



52.7217, 0.2952, 0.3074



52.7217, 0.3064, 0.3085



52.7217, 0.3195, 0.3148

Triad

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



52.7217, 0.3064, 0.3085



52.7217, 0.3372, 0.3456



52.7217, 0.2948, 0.3331

Complementary

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



52.7217, 0.3064, 0.3085



59.8289, 0.3186, 0.3495

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.



52.7217, 0.3057, 0.3439



52.7217, 0.3064, 0.3085



52.7217, 0.3302, 0.3511

Square

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



52.7217, 0.3064, 0.3085



52.7217, 0.3374, 0.3359



52.7217, 0.3187, 0.3506



52.7217, 0.2886, 0.3213

Rectangle

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



52.7217, 0.3064, 0.3085



52.7217, 0.3275, 0.3211



52.7217, 0.3187, 0.3506



52.7217, 0.2980, 0.3370

Sweetspot

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



52.7239, 0.3064, 0.3085



96.2798, 0.3112, 0.3241



55.6980, 0.3001, 0.3193



20.6468, 0.3113, 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.



52.7239, 0.3064, 0.3085



82.3208, 0.3048, 0.3036



53.8965, 0.3132, 0.3089



11.0980, 0.3055, 0.3056



4.3577, 0.1974, 0.0861



0.2698, 0.2194, 0.0982

Inverse Universe

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



53.5991, 0.3198, 0.3183



84.0481, 0.3215, 0.3158



58.7125, 0.3122, 0.3499



11.3114, 0.3208, 0.3168



8.7828, 0.4815, 0.2426



0.4684, 0.4418, 0.2207

Previews

White Background



This preview shows how the Yxy color 52.7217, 0.3064, 0.3085 looks on a white background.

Color Contrast Check

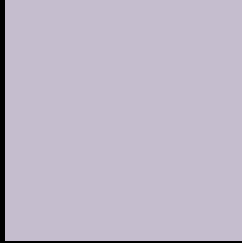
Large Text (above 18pt) WCAG AA × Fail

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 52.7217, 0.3064, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

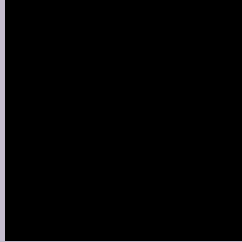
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

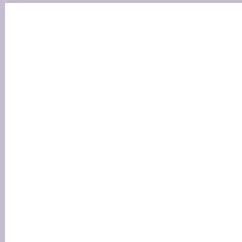
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7217, 0.3064, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 52.7217, 0.3064, 0.3085.

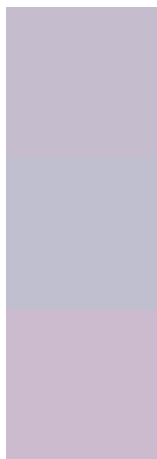


This preview shows how white text looks on a background with the Yxy color 52.7217, 0.3064, 0.3085.

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

52.7217, 0.3064, 0.3085

Protanopia

52.8430, 0.3009, 0.3095

Deuteranopia

52.8342, 0.3121, 0.3065



Tritanopia

52.6251, 0.3079, 0.3109

Trichromacy



Original Color

52.7217, 0.3064, 0.3085

Protanomaly

52.6694, 0.3025, 0.3083

Deuteranomaly

52.8402, 0.3097, 0.3075

Tritanomaly

52.6733, 0.3072, 0.3097

Monochromacy



Original Color

52.7217, 0.3064, 0.3085

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 52.7217, 0.3064, 0.3085 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(197, 189, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 206)  
}
```

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(197, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 206) }
```

Border

The CSS property to change the border of an element to Yxy 52.7217, 0.3064, 0.3085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

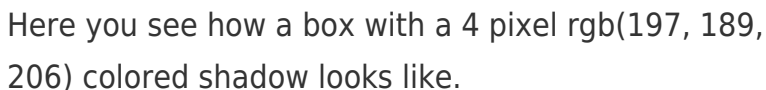
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 189, 206) }
```

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

```
.border{ border-color:rgb(197, 189, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 189, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 189, 206); box-shadow:4px 4px 4px 4px rgb(197, 189, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7217, 0.3064, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 206) }
```

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

```
.background{ background-color: rgb(197,  
189, 206) }
```

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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