

Converting Colors

Yxy(51.8898, 0.3078, 0.3058)

Have a look what the booklet for
Yxy(51.8898, 0.3078, 0.3058)
contains.

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Color

Yxy(52.1390, 0.3081, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	C7BBCE
RGB	199, 187, 206
RGB Percent	78%, 73%, 81%
CMY	0.2196, 0.2666, 0.1922
CMYK	0.03, 0.09, 0.00, 0.19
HSL	278°, 16%, 77%
HSV	278°, 9%, 81%
XYZ	52.4625, 52.1390, 65.6761
YIQ	192.7540, 1.0530, 8.4530

Conversions

Conversions Part 2

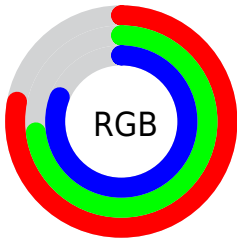
Format	Color
R _Y B	199, 187, 206
Decimal	13089742
CIE Lab	77.36, 7.72, -8.01
CIE LCh	77, 11.124, 313.927
Yxy	52.1390, 0.3081, 0.3062
Android (android.graphics.Color)	4291279822 (0xFFC7BBCE)
YUV	192.7540, 6.5303, 5.4777
Hunter-Lab	72.2073, 3.3270, -3.3820

Details

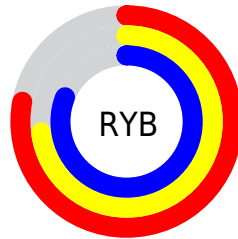
The Yxy color $52.1390, 0.3081, 0.3062$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.1863, 0.3169, 0.3521$, and the grayscale version is $53.1379, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $25.3369, 0.3064, 0.3001$ is the 20% darker color. If you saturate the color by 10%, you get $43.0092, 0.3022, 0.2799$, and if you desaturate by 10%, it is $62.5782, 0.3131, 0.3309$.

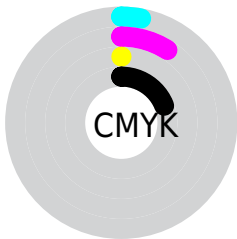
Distribution



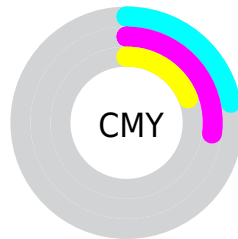
- Red (78%)
- Green (73%)
- Blue (81%)



- Red (78%)
- Yellow (73%)
- Blue (81%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1390, 0.3081, 0.3062 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 52.1390, 0.3081, 0.3062 by changing the saturation by 10% instead.

■ 52.1390, 0.3081,
0.3062

■ 52.1390, 0.3081,
0.3062

394.9730, 0.3104,
0.3172

■ 37.1159, 0.3075,
0.3036

■ 93.3362, 0.3090,
0.3101

■ 25.2972, 0.3068,
0.3002

120.2791, 0.3093,
0.3116

■ 16.2986, 0.3057,
0.2959

151.9640, 0.3095,
0.3129

■ 9.7357, 0.3043,
0.2900

188.7753, 0.3098,
0.3140

■ 5.2241, 0.3022,
0.2816

231.0975, 0.3100,
0.3150

■ 2.3793, 0.2987,
0.2687

279.3149, 0.3101,

■ 0.8152, 0.2921,

0.3158

0.2457

333.8120, 0.3103,
0.3166

0.0000, 0.0000,
0.0000

52.1390, 0.3081,
0.3062

52.1390, 0.3081,
0.3062

43.0092, 0.3022,
0.2799

62.5782, 0.3131,
0.3309

35.1284, 0.2953,
0.2523

74.3709, 0.3172,
0.3536

28.4410, 0.2875,
0.2242

87.5671, 0.3206,
0.3744

22.8848, 0.2788,
0.1966

92.6800, 0.3249,
0.3797

18.3918, 0.2693,
0.1706

93.9546, 0.3298,
0.3790

■ 14.8863, 0.2594,
0.1475

■ 95.2842, 0.3348,
0.3782

■ 12.2825, 0.2494,
0.1284

■ 96.6694, 0.3398,
0.3774

■ 10.4790, 0.2397,
0.1143

■ 97.2351, 0.3418,
0.3771

■ 9.3059, 0.2306,
0.1047

Harmonies

Analogous

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



52.1390, 0.2945, 0.3037



52.1390, 0.3081, 0.3062



52.1390, 0.3233, 0.3144

Triad

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



52.1390, 0.3081, 0.3062



52.1390, 0.3402, 0.3498



52.1390, 0.2901, 0.3311

Complementary

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



52.1390, 0.3081, 0.3062



59.1863, 0.3169, 0.3521

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.



52.1390, 0.3019, 0.3443



52.1390, 0.3081, 0.3062



52.1390, 0.3309, 0.3551

Square

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



52.1390, 0.3081, 0.3062



52.1390, 0.3421, 0.3392



52.1390, 0.3168, 0.3532



52.1390, 0.2843, 0.3177

Rectangle

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



52.1390, 0.3081, 0.3062



52.1390, 0.3322, 0.3221



52.1390, 0.3168, 0.3532



52.1390, 0.2934, 0.3358

Sweetspot

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



52.1412, 0.3081, 0.3062



94.6865, 0.3113, 0.3217



53.7283, 0.2986, 0.3146



19.9701, 0.3109, 0.3197



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.



52.1412, 0.3081, 0.3062



81.4878, 0.3070, 0.3012



53.0101, 0.3155, 0.3092



11.1897, 0.3080, 0.3057



5.7373, 0.2311, 0.1047



0.3381, 0.2488, 0.1144

Inverse Universe

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



52.5559, 0.3231, 0.3207



82.3004, 0.3255, 0.3189



58.3809, 0.3101, 0.3497



11.2807, 0.3233, 0.3205



8.4160, 0.5489, 0.2797



0.4487, 0.4951, 0.2501

Previews

White Background



This preview shows how the Yxy color 52.1390, 0.3081, 0.3062 looks on a white background.

Color Contrast Check

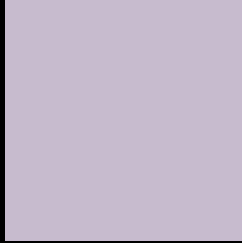
Large Text (above 18pt) WCAG AA × Fail

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 52.1390, 0.3081, 0.3062 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 52.1390, 0.3081, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 52.1390, 0.3081, 0.3062.



This preview shows how white text looks on a background with the Yxy color 52.1390, 0.3081, 0.3062.

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

52.1390, 0.3081, 0.3062

Protanopia

52.3281, 0.2994, 0.3070

Deuteranopia

52.2706, 0.3114, 0.3052



Tritanopia

52.2365, 0.3102, 0.3121

Trichromacy



Original Color

52.1390, 0.3081, 0.3062

Protanomaly

52.2376, 0.3025, 0.3071

Deuteranomaly

52.1306, 0.3106, 0.3051

Tritanomaly

52.2840, 0.3095, 0.3109

Monochromacy



Original Color

52.1390, 0.3081, 0.3062

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.9409, 0.3107, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1390, 0.3081, 0.3062 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, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 187, 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(199, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 187, 206) }
```

Border

The CSS property to change the border of an element to Yxy 52.1390, 0.3081, 0.3062 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, 187, 206) }
```

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

```
.border{ border-color:rgb(199, 187, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 187, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(199, 187,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1390, 0.3081, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 187, 206) }
```

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

```
.background{ background-color: rgb(199,  
187, 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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