

Converting Colors

Yxy(51.9938, 0.3165, 0.3113)

Have a look what the booklet for
Yxy(51.9938, 0.3165, 0.3113)
contains.

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Color

Yxy(52.1253, 0.3168, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	CCBAC8
RGB	204, 186, 200
RGB Percent	80%, 73%, 78%
CMY	0.2001, 0.2705, 0.2158
CMYK	0.00, 0.09, 0.02, 0.20
HSL	313°, 15%, 76%
HSV	313°, 9%, 80%
XYZ	52.8764, 52.1253, 61.9061
YIQ	192.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

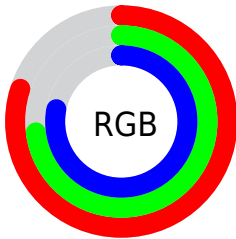
Format	Color
RYB	204, 186, 200
Decimal	13417160
CIELab	77.36, 8.83, -4.73
CIELCh	77, 10.015, 331.825
Yxy	52.1253, 0.3168, 0.3123
Android (android.graphics.Color)	4291607240 (0xFFCCBAC8)
YUV	192.9780, 3.4618, 9.6663
Hunter-Lab	72.1979, 4.3839, -0.2998

Details

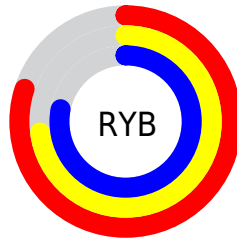
The Yxy color `52.1253, 0.3168, 0.3123` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.3272, 0.3089, 0.3463`, and the grayscale version is `53.2896, 0.3127, 0.3290`.

A 20% lighter version of the original color is `91.9843, 0.3133, 0.3165`, and `25.3344, 0.3182, 0.3082` is the 20% darker color. If you saturate the color by 10%, you get `43.9287, 0.3221, 0.2926`, and if you desaturate by 10%, it is `61.5593, 0.3122, 0.3312`.

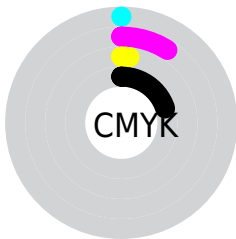
Distribution



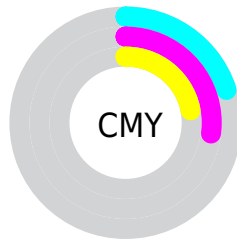
- Red (80%)
- Green (73%)
- Blue (78%)



- Red (80%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1253, 0.3168, 0.3123 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 52.1253, 0.3168, 0.3123 by changing the saturation by 10% instead.


 52.1253, 0.3168,
0.3123

 52.1253, 0.3168,
0.3123

394.9201, 0.3148,
0.3204

 37.1050, 0.3173,
0.3104


 93.3160, 0.3161,
0.3152

 25.2888, 0.3178,
0.3079


120.2552, 0.3158,
0.3163

 16.2923, 0.3186,
0.3047


151.9360, 0.3156,
0.3172

 9.7312, 0.3196,
0.3003

188.7430, 0.3154,
0.3180

 5.2211, 0.3210,
0.2941

231.0606, 0.3153,
0.3187

 2.3776, 0.3232,
0.2844

279.2730, 0.3151,

 0.8143, 0.3270,

0.3194

0.2668

333.7647, 0.3150,
0.3199

0.0000, 0.0000,
0.0000

52.1253, 0.3168,
0.3123

52.1253, 0.3168,
0.3123

43.9287, 0.3221,
0.2926

61.5593, 0.3122,
0.3312

36.9110, 0.3283,
0.2726

72.2727, 0.3083,
0.3491

31.0191, 0.3352,
0.2529

84.3137, 0.3050,
0.3658

26.1930, 0.3429,
0.2344

89.4183, 0.3023,
0.3687

22.3673, 0.3512,
0.2180

89.6586, 0.2998,
0.3637

■ 19.4693, 0.3599,
0.2047

■ 89.9054, 0.2974,
0.3587

■ 17.4164, 0.3688,
0.1955

■ 90.1587, 0.2949,
0.3538

■ 16.1114, 0.3775,
0.1908

■ 90.4187, 0.2925,
0.3489

■ 15.3975, 0.3859,
0.1905

■ 90.6854, 0.2901,
0.3440

Harmonies

Analogous

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



52.1253, 0.3033, 0.3068



52.1253, 0.3168, 0.3123



52.1253, 0.3295, 0.3220

Triad

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



52.1253, 0.3168, 0.3123



52.1253, 0.3331, 0.3513



52.1253, 0.2884, 0.3235

Complementary

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



52.1253, 0.3168, 0.3123



57.3272, 0.3089, 0.3463

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.



52.1253, 0.2961, 0.3360



52.1253, 0.3168, 0.3123



52.1253, 0.3218, 0.3523

Square

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



52.1253, 0.3168, 0.3123



52.1253, 0.3390, 0.3444



52.1253, 0.3082, 0.3466



52.1253, 0.2871, 0.3130

Rectangle

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



52.1253, 0.3168, 0.3123



52.1253, 0.3356, 0.3297



52.1253, 0.3082, 0.3466



52.1253, 0.2903, 0.3276

Sweetspot

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



52.1276, 0.3168, 0.3123



95.1070, 0.3141, 0.3233



50.4193, 0.3023, 0.3069



20.0839, 0.3144, 0.3218



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.



52.1276, 0.3168, 0.3123



82.9965, 0.3180, 0.3077



51.7244, 0.3238, 0.3229



11.3595, 0.3171, 0.3111



9.6644, 0.3858, 0.1899



0.5094, 0.3707, 0.1816

Inverse Universe

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



52.1276, 0.3168, 0.3123



82.9965, 0.3180, 0.3077



57.7274, 0.3027, 0.3352



11.3595, 0.3171, 0.3111



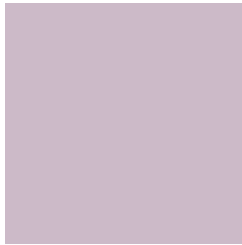
9.6644, 0.3858, 0.1899



0.5094, 0.3707, 0.1816

Previews

White Background



This preview shows how the Yxy color 52.1253, 0.3168, 0.3123 looks on a white background.

Color Contrast Check

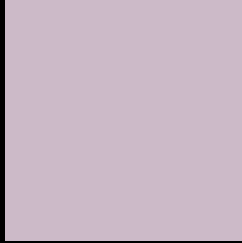
Large Text (above 18pt) WCAG AA × Fail

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 52.1253, 0.3168, 0.3123 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 52.1253, 0.3168, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 52.1253, 0.3168, 0.3123.



This preview shows how white text looks on a background with the Yxy color 52.1253, 0.3168, 0.3123.

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

52.1253, 0.3168, 0.3123

Protanopia

52.1675, 0.3046, 0.3142

Deuteranopia

51.9899, 0.3186, 0.3111



Tritanopia

52.1722, 0.3160, 0.3111

Trichromacy



Original Color

52.1253, 0.3168, 0.3123

Protanomaly

52.3480, 0.3093, 0.3144

Deuteranomaly

51.8472, 0.3177, 0.3111

Tritanomaly

52.1722, 0.3160, 0.3111

Monochromacy



Original Color

52.1253, 0.3168, 0.3123

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6828, 0.3139, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1253, 0.3168, 0.3123 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(204, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 200)  
}
```

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(204, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 200) }
```

Border

The CSS property to change the border of an element to Yxy 52.1253, 0.3168, 0.3123 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(204, 186, 200) }
```

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

```
.border{ border-color:rgb(204, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1253, 0.3168, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 200) }
```

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

```
.background{ background-color: rgb(204,  
186, 200) }
```

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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