

Converting Colors

$Yxy(53.2120, 0.2983, 0.3203)$

Have a look what the booklet for
Yxy(53.2120, 0.2983, 0.3203)
contains.

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Color

Yxy(53.3618, 0.2983, 0.3203)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B7C3CA |
| RGB | 183, 195, 202 |
| RGB Percent | 72%, 76%, 79% |
| CMY | 0.2825, 0.2352, 0.2079 |
| CMYK | 0.09, 0.03, 0.00, 0.21 |
| HSL | 202°, 15%, 75% |
| HSV | 202°, 9%, 79% |
| XYZ | 49.6966, 53.3618, 63.5410 |
| YIQ | 192.2100, -9.3990, -0.3670 |

Conversions

Conversions Part 2

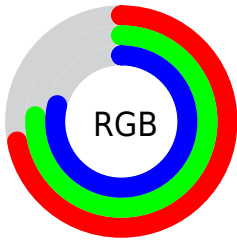
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 183, 190, 202 |
| Decimal | 12043210 |
| CIELab | 78.09, -2.74, -4.91 |
| CIELCh | 78, 5.626, 240.819 |
| Yxy | 53.3618, 0.2983, 0.3203 |
| Android (android.graphics.Color) | 4290233290 (0xFFB7C3CA) |
| YUV | 192.2100, 4.8265, -8.0772 |
| Hunter-Lab | 73.0492, -6.3994, -0.4384 |

Details

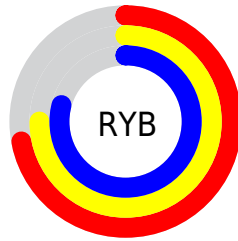
The Yxy color **53.3618, 0.2983, 0.3203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7683, 0.3281, 0.3375**, and the grayscale version is **52.8148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1915, 0.3030, 0.3260**, and **25.9337, 0.2945, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **47.8293, 0.2828, 0.3101**, and if you desaturate by 10%, it is **59.4184, 0.3136, 0.3295**.

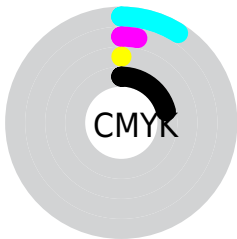
Distribution



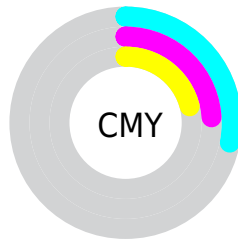
- Red (72%)
- Green (76%)
- Blue (79%)



- Red (72%)
- Yellow (75%)
- Blue (79%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)





- Cyan (28%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3618, 0.2983, 0.3203 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 53.3618, 0.2983, 0.3203 by changing the saturation by 10% instead.

 53.3618, 0.2983,
0.3203

 53.3618, 0.2983,
0.3203

399.6717, 0.3053,
0.3246

 38.0917, 0.2966,
0.3193


 95.1365, 0.3008,
0.3218

 26.0538, 0.2944,
0.3179


122.4099, 0.3018,
0.3224

 16.8639, 0.2916,
0.3162

154.4532, 0.3026,
0.3229

 10.1375, 0.2878,
0.3137

191.6508, 0.3033,
0.3233

 5.4902, 0.2823,
0.3102

234.3870, 0.3039,
0.3237

 2.5377, 0.2736,
0.3046

283.0463, 0.3044,

 0.8954, 0.2577,

0.3240

0.2943

338.0131, 0.3049,
0.3243

0.0000, 0.0000,
0.0000

53.3618, 0.2983,
0.3203

53.3618, 0.2983,
0.3203

47.8293, 0.2828,
0.3101

59.4184, 0.3136,
0.3295

42.7968, 0.2673,
0.2989

66.0088, 0.3285,
0.3378

38.2479, 0.2523,
0.2868

73.1510, 0.3429,
0.3451

34.1628, 0.2380,
0.2739

79.1598, 0.3501,
0.3520

30.5198, 0.2249,
0.2603

83.2372, 0.3486,
0.3593

■ 27.2951, 0.2133,
0.2463

■ 87.4899, 0.3471,
0.3664

■ 24.4620, 0.2036,
0.2322

■ 91.9200, 0.3457,
0.3735

■ 21.9892, 0.1960,
0.2181

■ 96.5296, 0.3443,
0.3803

■ 19.8240, 0.1902,
0.2044

■ 97.0431, 0.3442,
0.3810

Harmonies

Analogous

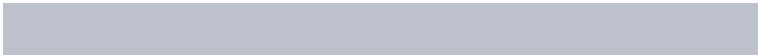
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.3618, 0.2992, 0.3263



53.3618, 0.2983, 0.3203



53.3618, 0.3012, 0.3167

Triad

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



53.3618, 0.2983, 0.3203



53.3618, 0.3218, 0.3249



53.3618, 0.3181, 0.3419

Complementary

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



53.3618, 0.2983, 0.3203



52.7683, 0.3281, 0.3375

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.



53.3618, 0.3243, 0.3414



53.3618, 0.2983, 0.3203



53.3618, 0.3265, 0.3315

Square

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



53.3618, 0.2983, 0.3203



53.3618, 0.3148, 0.3194



53.3618, 0.3274, 0.3375



53.3618, 0.3105, 0.3389

Rectangle

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



53.3618, 0.2983, 0.3203



53.3618, 0.3050, 0.3162



53.3618, 0.3274, 0.3375



53.3618, 0.3204, 0.3421

Sweetspot

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



53.3640, 0.2983, 0.3203



96.8032, 0.3081, 0.3263



55.9943, 0.3069, 0.3444



20.5400, 0.3068, 0.3255



0.0000, 0.0000, 0.0000



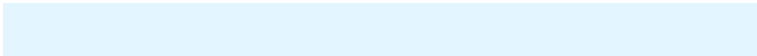
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3640, 0.2983, 0.3203



88.6823, 0.2956, 0.3186



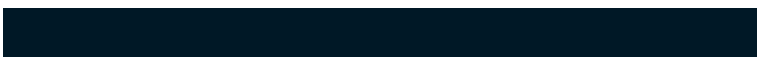
49.3704, 0.2982, 0.3087



12.0092, 0.2983, 0.3203



12.8562, 0.1904, 0.2054



0.8048, 0.1979, 0.2323

Inverse Universe

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



50.3496, 0.3193, 0.3144



82.7467, 0.3206, 0.3116



56.8748, 0.3269, 0.3486



11.3313, 0.3193, 0.3144



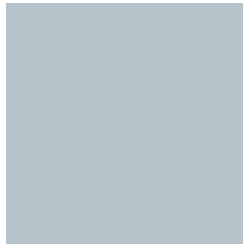
9.1008, 0.4392, 0.2193



0.4838, 0.4102, 0.2034

Previews

White Background



This preview shows how the Yxy color 53.3618, 0.2983, 0.3203 looks on a white background.

Color Contrast Check

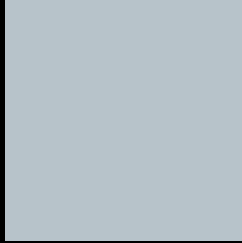
Large Text (above 18pt) WCAG AA × Fail

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 53.3618, 0.2983, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

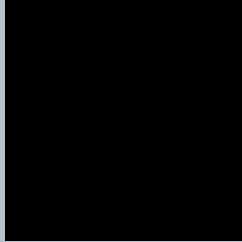
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

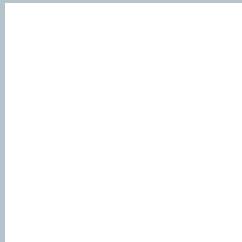
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3618, 0.2983, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 53.3618, 0.2983, 0.3203.



This preview shows how white text looks on a background with the Yxy color 53.3618, 0.2983, 0.3203.

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

53.3618, 0.2983, 0.3203

Protanopia

53.3387, 0.3084, 0.3192

Deuteranopia

53.1657, 0.3161, 0.3089



Tritanopia

53.3774, 0.2942, 0.3105

Trichromacy



Original Color

53.3618, 0.2983, 0.3203

Protanomaly

53.3041, 0.3044, 0.3192

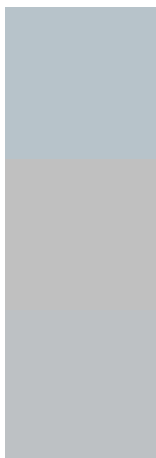
Deuteranomaly

53.1445, 0.3094, 0.3133

Tritanomaly

53.2302, 0.2962, 0.3141

Monochromacy



Original Color

53.3618, 0.2983, 0.3203

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9443, 0.3073, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3618, 0.2983, 0.3203 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(183, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 202)  
}
```

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(183, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 202) }
```

Border

The CSS property to change the border of an element to Yxy 53.3618, 0.2983, 0.3203 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(183, 195, 202) }
```

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

```
.border{ border-color:rgb(183, 195, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 195, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3618, 0.2983, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 202) }
```

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

```
.background{ background-color: rgb(183,  
195, 202) }
```

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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