

Converting Colors

$Yxy(52.9203, 0.3079, 0.3385)$

Have a look what the booklet for
Yxy(52.9203, 0.3079, 0.3385)
contains.

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Color

Yxy(53.1780, 0.3083, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	B7C4BC
RGB	183, 196, 188
RGB Percent	72%, 77%, 74%
CMY	0.2823, 0.2314, 0.2627
CMYK	0.07, 0.00, 0.04, 0.23
HSL	143°, 10%, 74%
HSV	143°, 7%, 77%
XYZ	48.3479, 53.1780, 55.2951
YIQ	191.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

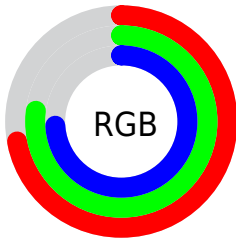
Format	Color
RYB	183, 192, 196
Decimal	12043452
CIELab	77.98, -5.95, 2.47
CIElCh	78, 6.446, 157.478
Yxy	53.1780, 0.3083, 0.3391
Android (android.graphics.Color)	4290233532 (0xFFB7C4BC)
YUV	191.2010, -1.5781, -7.1923
Hunter-Lab	72.9232, -9.2707, 6.0888

Details

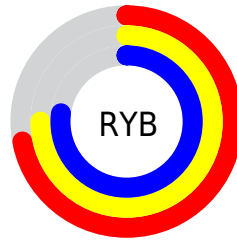
The Yxy color **53.1780, 0.3083, 0.3391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3704, 0.3174, 0.3191**, and the grayscale version is **52.2370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1329, 0.3092, 0.3379**, and **25.8411, 0.3068, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **50.4426, 0.3017, 0.3559**, and if you desaturate by 10%, it is **56.2961, 0.3150, 0.3242**.

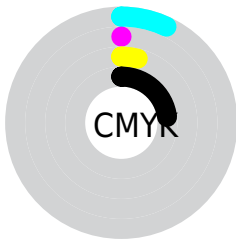
Distribution



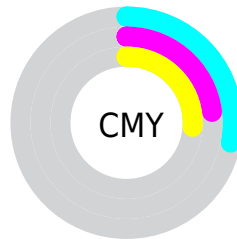
- Red (72%)
- Green (77%)
- Blue (74%)



- Red (72%)
- Yellow (75%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)





- Cyan (28%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1780, 0.3083, 0.3391 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 53.1780, 0.3083, 0.3391 by changing the saturation by 10% instead.


 53.1780, 0.3083,
0.3391

 53.1780, 0.3083,
0.3391

398.9677, 0.3105,
0.3341

 37.9449, 0.3078,
0.3403


 94.8662, 0.3091,
0.3373

 25.9399, 0.3071,
0.3419


122.0902, 0.3094,
0.3366

 16.7787, 0.3062,
0.3439


154.0798, 0.3096,
0.3361

 10.0768, 0.3049,
0.3468

191.2196, 0.3099,
0.3356

 5.4499, 0.3031,
0.3509

233.8938, 0.3100,
0.3351

 2.5136, 0.3001,
0.3576

282.4870, 0.3102,

 0.8834, 0.2933,

0.3348

0.3732

337.3835, 0.3104,
0.3344

0.0000, 0.0000,
0.0000

53.1780, 0.3083,
0.3391

53.1780, 0.3083,
0.3391

50.4426, 0.3017,
0.3559

56.2961, 0.3150,
0.3242

48.0684, 0.2954,
0.3746

59.8041, 0.3215,
0.3110

46.0418, 0.2896,
0.3952

63.7176, 0.3279,
0.2994

44.3458, 0.2845,
0.4174

66.8123, 0.3291,
0.2887

42.9620, 0.2807,
0.4407

67.5388, 0.3202,
0.2773

■ 41.8699, 0.2783,
0.4647

■ 67.9603, 0.3154,
0.2712

■ 41.0468, 0.2776,
0.4884

■ 40.4661, 0.2788,
0.5110

■ 40.0933, 0.2817,
0.5315

Harmonies

Analogous

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



53.1780, 0.3170, 0.3434



53.1780, 0.3083, 0.3391



53.1780, 0.3009, 0.3320

Triad

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



53.1780, 0.3083, 0.3391



53.1780, 0.3008, 0.3145



53.1780, 0.3291, 0.3335

Complementary

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



53.1780, 0.3083, 0.3391



49.3704, 0.3174, 0.3191

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.



53.1780, 0.3247, 0.3259



53.1780, 0.3083, 0.3391



53.1780, 0.3083, 0.3151

Square

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



53.1780, 0.3083, 0.3391



53.1780, 0.2966, 0.3178



53.1780, 0.3170, 0.3192



53.1780, 0.3291, 0.3400

Rectangle

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



53.1780, 0.3083, 0.3391



53.1780, 0.2976, 0.3267



53.1780, 0.3170, 0.3192



53.1780, 0.3281, 0.3310

Sweetspot

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



53.1803, 0.3083, 0.3391



98.8449, 0.3114, 0.3320



53.9790, 0.3184, 0.3452



21.1690, 0.3114, 0.3319



0.0000, 0.0000, 0.0000



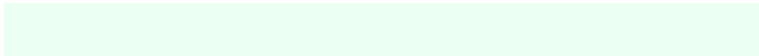
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1803, 0.3083, 0.3391



95.5515, 0.3073, 0.3415



53.4661, 0.3036, 0.3309



11.3215, 0.3065, 0.3435



25.7126, 0.2820, 0.5354



1.1245, 0.2691, 0.4889

Inverse Universe

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



49.3704, 0.3174, 0.3191



87.1731, 0.3185, 0.3168



49.0913, 0.3226, 0.3271



10.1798, 0.3195, 0.3149



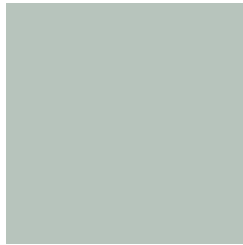
8.4398, 0.4460, 0.2231



0.3778, 0.4111, 0.2038

Previews

White Background



This preview shows how the Yxy color 53.1780, 0.3083, 0.3391 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 53.1780, 0.3083, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

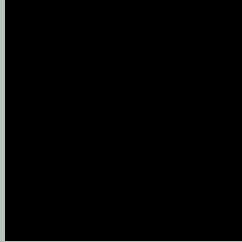
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

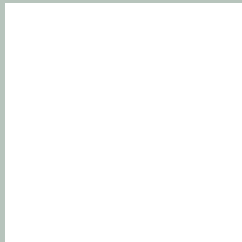
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1780, 0.3083, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 53.1780, 0.3083, 0.3391.



This preview shows how white text looks on a background with the Yxy color 53.1780, 0.3083, 0.3391.

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

53.1780, 0.3083, 0.3391

Protanopia

53.2502, 0.3222, 0.3364

Deuteranopia

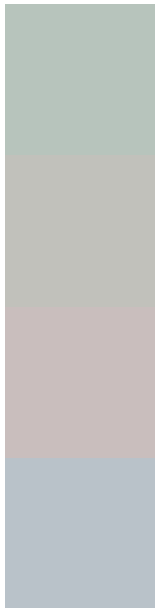
52.8326, 0.3315, 0.3243



Tritanopia

53.1331, 0.2964, 0.3105

Trichromacy



Original Color

53.1780, 0.3083, 0.3391

Protanomaly

53.0652, 0.3172, 0.3365

Deuteranomaly

52.9185, 0.3226, 0.3302

Tritanomaly

53.1149, 0.3005, 0.3203

Monochromacy



Original Color

53.1780, 0.3083, 0.3391

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.5490, 0.3109, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1780, 0.3083, 0.3391 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, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 188)  
}
```

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, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.1780, 0.3083, 0.3391 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, 196, 188) }
```

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

```
.border{ border-color:rgb(183, 196, 188) }
```

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

Here you see how a box with a 4 pixel rgb(183, 196, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1780, 0.3083, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 188) }
```

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

```
.background{ background-color: rgb(183,  
196, 188) }
```

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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