

Converting Colors

Yxy(53.1833, 0.3171, 0.3263)

Have a look what the booklet for
Yxy(53.1833, 0.3171, 0.3263)
contains.

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Color

Yxy(53.1176, 0.3169, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C6BFC1
RGB	198, 191, 193
RGB Percent	78%, 75%, 76%
CMY	0.2236, 0.2509, 0.2432
CMYK	0.00, 0.04, 0.03, 0.22
HSL	343°, 6%, 76%
HSV	343°, 4%, 78%
XYZ	51.5400, 53.1176, 57.9805
YIQ	193.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

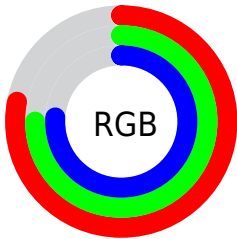
Format	Color
RYB	198, 191, 193
Decimal	13025217
CIELab	77.94, 2.80, -0.13
CIElCh	78, 2.800, 357.242
Yxy	53.1176, 0.3169, 0.3266
Android (android.graphics.Color)	4291215297 (0xFFC6BFC1)
YUV	193.3210, -0.1583, 4.1035
Hunter-Lab	72.8818, -1.3129, 3.8496

Details

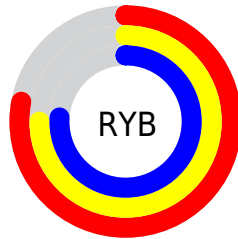
The Yxy color **53.1176, 0.3169, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4433, 0.3087, 0.3314**, and the grayscale version is **53.5259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6211, 0.3166, 0.3271**, and **25.9997, 0.3173, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **44.4567, 0.3306, 0.3195**, and if you desaturate by 10%, it is **63.0111, 0.3058, 0.3332**.

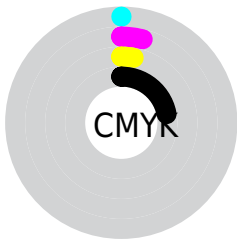
Distribution



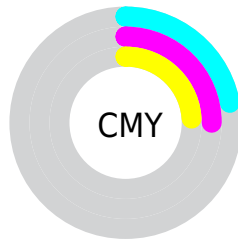
- Red (78%)
- Green (75%)
- Blue (76%)



- Red (78%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1176, 0.3169, 0.3266 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 53.1176, 0.3169, 0.3266 by changing the saturation by 10% instead.

■ 53.1176, 0.3169,
0.3266

■ 53.1176, 0.3169,
0.3266

398.7361, 0.3149,
0.3278

■ 37.8967, 0.3174,
0.3263

■ 94.7774, 0.3162,
0.3270

■ 25.9025, 0.3180,
0.3259

121.9850, 0.3159,
0.3272

■ 16.7507, 0.3189,
0.3255

153.9570, 0.3157,
0.3273

■ 10.0569, 0.3200,
0.3248

191.0778, 0.3155,
0.3274

■ 5.4367, 0.3216,
0.3239

233.7317, 0.3153,
0.3275

■ 2.5057, 0.3243,
0.3223

282.3031, 0.3151,

■ 0.8795, 0.3291,

0.3276

0.3196

337.1765, 0.3150,
0.3277

0.0000, 0.0000,
0.0000

53.1176, 0.3169,
0.3266

53.1176, 0.3169,
0.3266

44.4567, 0.3306,
0.3195

63.0111, 0.3058,
0.3332

36.9733, 0.3474,
0.3119

74.1758, 0.2967,
0.3393

30.6182, 0.3679,
0.3042

86.6571, 0.2893,
0.3449

25.3364, 0.3927,
0.2968

90.4084, 0.2821,
0.3345

21.0679, 0.4220,
0.2903

90.7432, 0.2794,
0.3289

■ 17.7469, 0.4556,
0.2856

■ 15.2999, 0.4923,
0.2838

■ 13.6422, 0.5295,
0.2861

■ 12.6721, 0.5636,
0.2929

Harmonies

Analogous

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



53.1176, 0.3133, 0.3240



53.1176, 0.3169, 0.3266



53.1176, 0.3194, 0.3299

Triad

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



53.1176, 0.3169, 0.3266



53.1176, 0.3158, 0.3355



53.1176, 0.3055, 0.3250

Complementary

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



53.1176, 0.3169, 0.3266



55.4433, 0.3087, 0.3314

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.



53.1176, 0.3061, 0.3281



53.1176, 0.3169, 0.3266



53.1176, 0.3121, 0.3342

Square

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



53.1176, 0.3169, 0.3266



53.1176, 0.3188, 0.3350



53.1176, 0.3086, 0.3315



53.1176, 0.3067, 0.3230

Rectangle

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



53.1176, 0.3169, 0.3266



53.1176, 0.3200, 0.3320



53.1176, 0.3086, 0.3315



53.1176, 0.3055, 0.3259

Sweetspot

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



53.1199, 0.3169, 0.3266



98.2667, 0.3139, 0.3283



53.0644, 0.3114, 0.3205



21.0514, 0.3138, 0.3284



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.



53.1199, 0.3169, 0.3266



93.2020, 0.3176, 0.3262



53.6432, 0.3183, 0.3307



11.6111, 0.3184, 0.3258



8.0070, 0.5797, 0.2967



0.3919, 0.5185, 0.2630

Inverse Universe

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



53.1199, 0.3169, 0.3266



93.2020, 0.3176, 0.3262



54.8997, 0.3073, 0.3273



11.6111, 0.3184, 0.3258



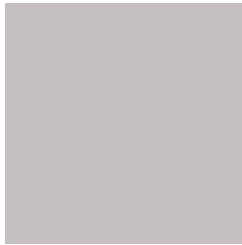
8.0070, 0.5797, 0.2967



0.3919, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 53.1176, 0.3169, 0.3266 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 53.1176, 0.3169, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

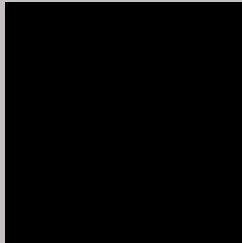
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

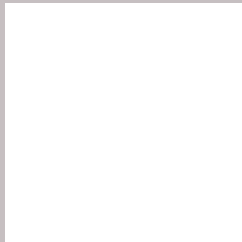
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1176, 0.3169, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 53.1176, 0.3169, 0.3266.

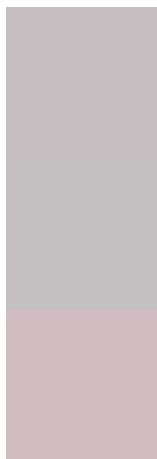


This preview shows how white text looks on a background with the Yxy color 53.1176, 0.3169, 0.3266.

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

53.1176, 0.3169, 0.3266

Protanopia

53.2853, 0.3152, 0.3278

Deuteranopia

53.2846, 0.3273, 0.3208



Tritanopia

53.0342, 0.3103, 0.3110

Trichromacy



Original Color

53.1176, 0.3169, 0.3266

Protanomaly

53.4198, 0.3160, 0.3278

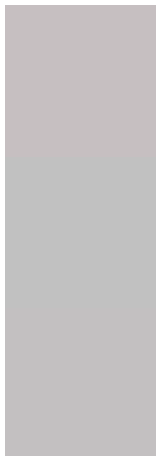
Deuteranomaly

52.9833, 0.3230, 0.3219

Tritanomaly

53.1392, 0.3125, 0.3169

Monochromacy



Original Color

53.1176, 0.3169, 0.3266

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1516, 0.3144, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1176, 0.3169, 0.3266 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(198, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 193)  
}
```

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(198, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 193) }
```

Border

The CSS property to change the border of an element to Yxy 53.1176, 0.3169, 0.3266 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(198, 191, 193) }
```

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

```
.border{ border-color:rgb(198, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1176, 0.3169, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 193) }
```

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

```
.background{ background-color: rgb(198,  
191, 193) }
```

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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