

Converting Colors

Yxy(53.9233, 0.3174, 0.3256)

Have a look what the booklet for
Yxy(53.9233, 0.3174, 0.3256)
contains.

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Color

Yxy(53.9188, 0.3169, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C8C0C3
RGB	200, 192, 195
RGB Percent	78%, 75%, 76%
CMY	0.2159, 0.2470, 0.2353
CMYK	0.00, 0.04, 0.02, 0.22
HSL	337°, 7%, 77%
HSV	337°, 4%, 78%
XYZ	52.5103, 53.9188, 59.2709
YIQ	194.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

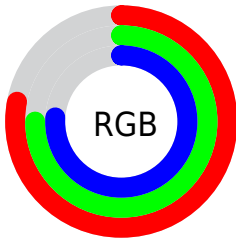
Format	Color
R _Y B	200, 192, 195
Decimal	13156547
CIE Lab	78.41, 3.31, -0.52
CIE LCh	78, 3.354, 351.112
Yxy	53.9188, 0.3169, 0.3254
Android (android.graphics.Color)	4291346627 (0xFFC8C0C3)
YUV	194.7340, 0.1311, 4.6183
Hunter-Lab	73.4294, -0.8538, 3.5428

Details

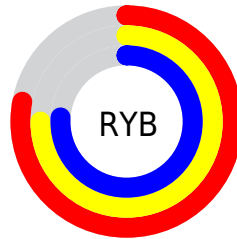
The Yxy color `53.9188, 0.3169, 0.3254` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `56.5263, 0.3087, 0.3326`, and the grayscale version is `54.4022, 0.3127, 0.3290`.

A 20% lighter version of the original color is `95.4231, 0.3148, 0.3252`, and `26.4993, 0.3183, 0.3258` is the 20% darker color. If you saturate the color by 10%, you get `45.1865, 0.3290, 0.3159`, and if you desaturate by 10%, it is `63.8959, 0.3070, 0.3343`.

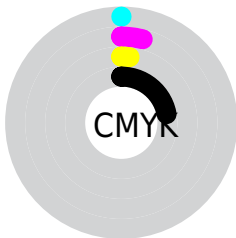
Distribution



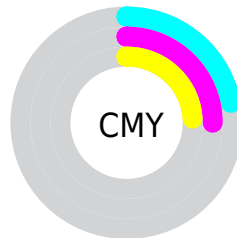
- Red (78%)
- Green (75%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (22%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9188, 0.3169, 0.3254 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 53.9188, 0.3169, 0.3254 by changing the saturation by 10% instead.


 53.9188, 0.3169,
0.3254

 53.9188, 0.3169,
0.3254

401.8003, 0.3149,
0.3272

 38.5367, 0.3174,
0.3250


 95.9550, 0.3162,
0.3260

 26.3995, 0.3180,
0.3244


123.3780, 0.3159,
0.3263

 17.1228, 0.3188,
0.3237


155.5833, 0.3157,
0.3265

 10.3221, 0.3200,
0.3228

192.9555, 0.3155,
0.3267

 5.6130, 0.3216,
0.3214

235.8789, 0.3153,
0.3268

 2.6112, 0.3241,
0.3192

284.7379, 0.3151,

 0.9323, 0.3288,

0.3269

0.3152

339.9169, 0.3150,
0.3271

0.0000, 0.0000,
0.0000

53.9188, 0.3169,
0.3254

53.9188, 0.3169,
0.3254

45.1865, 0.3290,
0.3159

63.8959, 0.3070,
0.3343

37.6431, 0.3438,
0.3059

75.1569, 0.2988,
0.3425

31.2387, 0.3617,
0.2958

87.7481, 0.2921,
0.3500

25.9172, 0.3831,
0.2859

90.3799, 0.2857,
0.3396

21.6178, 0.4082,
0.2771

91.0131, 0.2805,
0.3289

■ 18.2736, 0.4369,
0.2704

■ 15.8095, 0.4682,
0.2669

■ 14.1390, 0.5005,
0.2680

■ 13.1578, 0.5314,
0.2743

Harmonies

Analogous

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



53.9188, 0.3125, 0.3225



53.9188, 0.3169, 0.3254



53.9188, 0.3202, 0.3292

Triad

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



53.9188, 0.3169, 0.3254



53.9188, 0.3173, 0.3368



53.9188, 0.3040, 0.3249

Complementary

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



53.9188, 0.3169, 0.3254



56.5263, 0.3087, 0.3326

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.



53.9188, 0.3053, 0.3287



53.9188, 0.3169, 0.3254



53.9188, 0.3129, 0.3356

Square

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



53.9188, 0.3169, 0.3254



53.9188, 0.3204, 0.3358



53.9188, 0.3085, 0.3327



53.9188, 0.3051, 0.3222

Rectangle

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



53.9188, 0.3169, 0.3254



53.9188, 0.3213, 0.3318



53.9188, 0.3085, 0.3327



53.9188, 0.3042, 0.3261

Sweetspot

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



53.9211, 0.3169, 0.3254



98.2817, 0.3138, 0.3281



53.7343, 0.3107, 0.3194



21.0544, 0.3137, 0.3281



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.



53.9211, 0.3169, 0.3254



91.6314, 0.3181, 0.3244



54.1954, 0.3191, 0.3301



11.4313, 0.3187, 0.3239



8.1487, 0.5452, 0.2777



0.3999, 0.4883, 0.2463

Inverse Universe

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



53.9211, 0.3169, 0.3254



91.6314, 0.3181, 0.3244



56.2371, 0.3066, 0.3279



11.4313, 0.3187, 0.3239



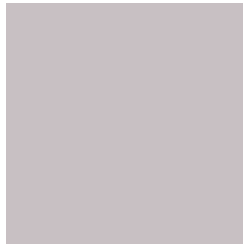
8.1487, 0.5452, 0.2777



0.3999, 0.4883, 0.2463

Previews

White Background



This preview shows how the Yxy color 53.9188, 0.3169, 0.3254 looks on a white background.

Color Contrast Check

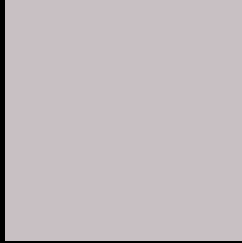
Large Text (above 18pt) WCAG AA × Fail

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 53.9188, 0.3169, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

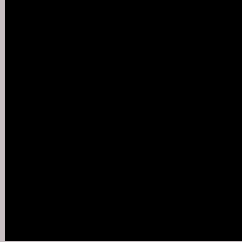
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

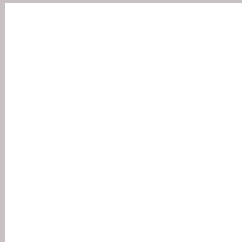
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9188, 0.3169, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 53.9188, 0.3169, 0.3254.

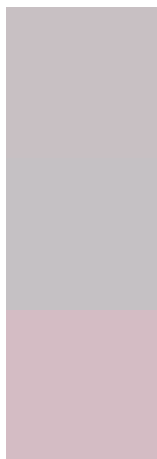


This preview shows how white text looks on a background with the Yxy color 53.9188, 0.3169, 0.3254.

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

53.9188, 0.3169, 0.3254

Protanopia

53.9958, 0.3137, 0.3254

Deuteranopia

53.9490, 0.3264, 0.3196



Tritanopia

53.7912, 0.3111, 0.3111

Trichromacy



Original Color

53.9188, 0.3169, 0.3254

Protanomaly

54.1312, 0.3145, 0.3254

Deuteranomaly

53.7906, 0.3230, 0.3207

Tritanomaly

53.8962, 0.3133, 0.3170

Monochromacy



Original Color

53.9188, 0.3169, 0.3254

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3940, 0.3144, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9188, 0.3169, 0.3254 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(200, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(200, 192, 195)  
}
```

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(200, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 192, 195) }
```

Border

The CSS property to change the border of an element to Yxy 53.9188, 0.3169, 0.3254 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(200, 192, 195) }
```

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

```
.border{ border-color:rgb(200, 192, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 192,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9188, 0.3169, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 192, 195) }
```

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

```
.background{ background-color: rgb(200,  
192, 195) }
```

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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