

Converting Colors

Yxy(54.0961, 0.3086, 0.3207)

Have a look what the booklet for
Yxy(54.0961, 0.3086, 0.3207)
contains.

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Color

Yxy(53.9122, 0.3091, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	C3C1C8
RGB	195, 193, 200
RGB Percent	76%, 76%, 78%
CMY	0.2354, 0.2431, 0.2157
CMYK	0.03, 0.03, 0.00, 0.22
HSL	257°, 6%, 77%
HSV	257°, 3%, 78%
XYZ	51.9946, 53.9122, 62.3060
YIQ	194.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

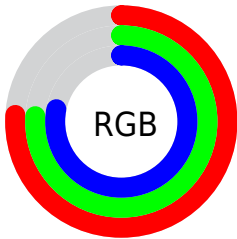
Format	Color
RYB	195, 193, 200
Decimal	12829128
CIELab	78.41, 1.98, -3.27
CIElCh	78, 3.821, 301.261
Yxy	53.9122, 0.3091, 0.3205
Android (android.graphics.Color)	4291019208 (0xFFC3C1C8)
YUV	194.3960, 2.7628, 0.5297
Hunter-Lab	73.4249, -2.0920, 1.0859

Details

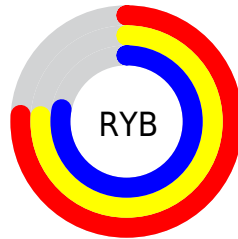
The Yxy color $53.9122, 0.3091, 0.3205$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.1688, 0.3163, 0.3374$, and the grayscale version is $54.1781, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6668, 0.3111, 0.3232$, and $26.4942, 0.3078, 0.3192$ is the 20% darker color. If you saturate the color by 10%, you get $43.8352, 0.2976, 0.2943$, and if you desaturate by 10%, it is $65.3745, 0.3190, 0.3440$.

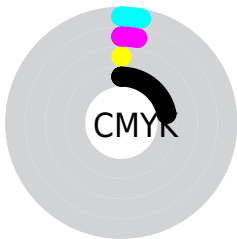
Distribution



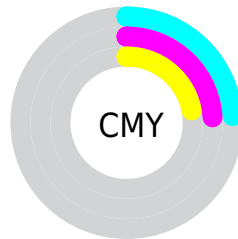
- Red (76%)
- Green (76%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9122, 0.3091, 0.3205 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 53.9122, 0.3091, 0.3205 by changing the saturation by 10% instead.

■ 53.9122, 0.3091,
0.3205

■ 53.9122, 0.3091,
0.3205

401.7751, 0.3109,
0.3246

■ 38.5315, 0.3087,
0.3195

■ 95.9453, 0.3097,
0.3220

■ 26.3954, 0.3081,
0.3182

123.3665, 0.3100,
0.3225

■ 17.1197, 0.3074,
0.3166

155.5700, 0.3102,
0.3230

■ 10.3199, 0.3064,
0.3143

192.9401, 0.3104,
0.3234

■ 5.6116, 0.3050,
0.3111

235.8613, 0.3105,
0.3238

■ 2.6104, 0.3027,
0.3060

284.7179, 0.3106,

■ 0.9319, 0.2985,

0.3241

0.2969

339.8944, 0.3108,
0.3244

0.0000, 0.0000,
0.0000

53.9122, 0.3091,
0.3205

53.9122, 0.3091,
0.3205

43.8352, 0.2976,
0.2943

65.3745, 0.3190,
0.3440

35.0837, 0.2845,
0.2656

78.2651, 0.3274,
0.3648

27.6037, 0.2697,
0.2347

92.6338, 0.3345,
0.3832

21.3348, 0.2534,
0.2024

96.4894, 0.3438,
0.3833

16.2117, 0.2362,
0.1701

96.9499, 0.3454,
0.3830

■ 12.1627, 0.2186,
0.1395

■ 9.1078, 0.2017,
0.1125

■ 6.9554, 0.1865,
0.0910

■ 5.5959, 0.1740,
0.0762

Harmonies

Analogous

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



53.9122, 0.3050, 0.3207



53.9122, 0.3091, 0.3205



53.9122, 0.3142, 0.3226

Triad

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



53.9122, 0.3091, 0.3205



53.9122, 0.3226, 0.3349



53.9122, 0.3065, 0.3317

Complementary

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



53.9122, 0.3091, 0.3205



57.1688, 0.3163, 0.3374

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.



53.9122, 0.3112, 0.3356



53.9122, 0.3091, 0.3205



53.9122, 0.3205, 0.3374

Square

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



53.9122, 0.3091, 0.3205



53.9122, 0.3220, 0.3308



53.9122, 0.3163, 0.3377



53.9122, 0.3035, 0.3271

Rectangle

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



53.9122, 0.3091, 0.3205



53.9122, 0.3175, 0.3249



53.9122, 0.3163, 0.3377



53.9122, 0.3079, 0.3332

Sweetspot

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



53.9145, 0.3091, 0.3205



98.0373, 0.3117, 0.3266



55.9589, 0.3074, 0.3267



21.0047, 0.3117, 0.3267



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.



53.9145, 0.3091, 0.3205



92.2978, 0.3085, 0.3191



54.3720, 0.3118, 0.3206



11.4799, 0.3078, 0.3175



3.2260, 0.1686, 0.0702



0.1901, 0.1919, 0.0831

Inverse Universe

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



54.5043, 0.3146, 0.3230



93.4812, 0.3149, 0.3220



56.7123, 0.3136, 0.3375



11.6516, 0.3152, 0.3209



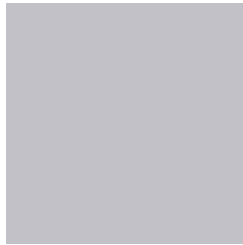
9.1033, 0.4063, 0.2012



0.4429, 0.3846, 0.1892

Previews

White Background



This preview shows how the Yxy color 53.9122, 0.3091, 0.3205 looks on a white background.

Color Contrast Check

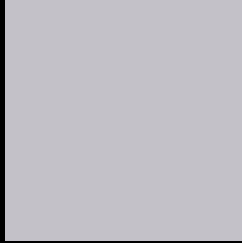
Large Text (above 18pt) WCAG AA × Fail

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 53.9122, 0.3091, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

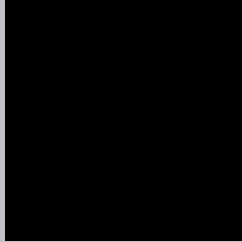
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

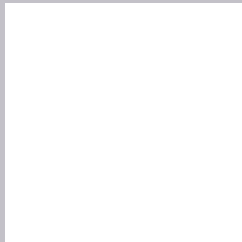
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9122, 0.3091, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 53.9122, 0.3091, 0.3205.

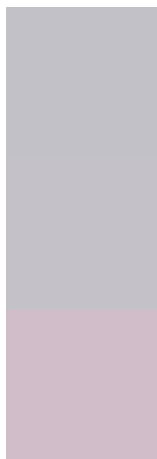


This preview shows how white text looks on a background with the Yxy color 53.9122, 0.3091, 0.3205.

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

53.9122, 0.3091, 0.3205

Protanopia

54.0458, 0.3099, 0.3205

Deuteranopia

53.7388, 0.3200, 0.3137



Tritanopia

53.9400, 0.3048, 0.3109

Trichromacy



Original Color

53.9122, 0.3091, 0.3205

Protanomaly

54.0458, 0.3099, 0.3205

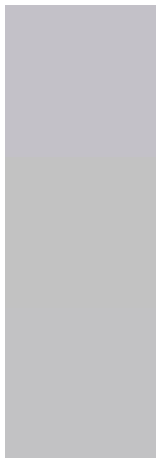
Deuteranomaly

53.8813, 0.3158, 0.3159

Tritanomaly

53.7947, 0.3070, 0.3145

Monochromacy



Original Color

53.9122, 0.3091, 0.3205

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0384, 0.3112, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9122, 0.3091, 0.3205 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(195, 193, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 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(195, 193, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 200) }
```

Border

The CSS property to change the border of an element to Yxy 53.9122, 0.3091, 0.3205 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(195, 193, 200) }
```

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

```
.border{ border-color:rgb(195, 193, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9122, 0.3091, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 200) }
```

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

```
.background{ background-color: rgb(195,  
193, 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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