

Converting Colors

Yxy(53.4237, 0.3138, 0.3195)

Have a look what the booklet for
Yxy(53.4237, 0.3138, 0.3195)
contains.

Yxy(53.5272, 0.3132, 0.3193)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.5272, 0.3132, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	C7BFC7
RGB	199, 191, 199
RGB Percent	78%, 75%, 78%
CMY	0.2194, 0.2510, 0.2195
CMYK	0.00, 0.04, 0.00, 0.22
HSL	300°, 7%, 76%
HSV	300°, 4%, 78%
XYZ	52.5046, 53.5272, 61.6074
YIQ	194.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

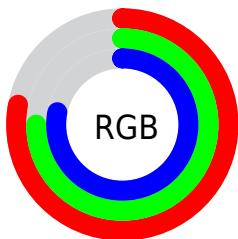
Format	Color
R_{YB}	199, 191, 199
Decimal	13090759
CIE _{Lab}	78.19, 4.29, -3.03
CIE _{LCh}	78, 5.250, 324.731
Yxy	53.5272, 0.3132, 0.3193
Android (android.graphics.Color)	4291280839 (0xFFC7BFC7)
YUV	194.3040, 2.3151, 4.1184
Hunter-Lab	73.1623, 0.0658, 1.2876

Details

The Yxy color **53.5272, 0.3132, 0.3193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7087, 0.3122, 0.3389**, and the grayscale version is **54.1287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **26.2410, 0.3132, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **45.4262, 0.3144, 0.2948**, and if you desaturate by 10%, it is **62.8127, 0.3120, 0.3429**.

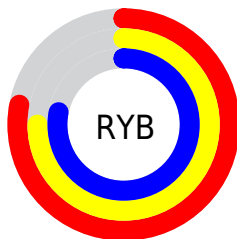
Distribution



Red (78%)

Green (75%)

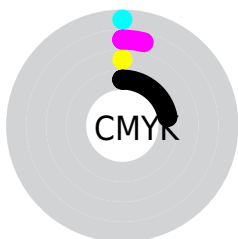
Blue (78%)



Red (78%)

Yellow (75%)

Blue (78%)

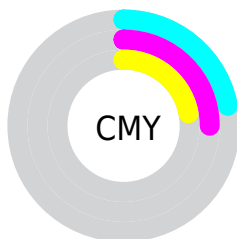


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (22%)


Magenta (25%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5272, 0.3132, 0.3193 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 53.5272, 0.3132, 0.3193 by changing the saturation by 10% instead.


 53.5272, 0.3132,
0.3193

 53.5272, 0.3132,
0.3193

400.3045, 0.3130,
0.3240

 38.2238, 0.3132,
0.3182


 95.3797, 0.3131,
0.3210

 26.1564, 0.3133,
0.3167

122.6976, 0.3131,
0.3216

 16.9407, 0.3134,
0.3148


154.7891, 0.3131,
0.3222

 10.1922, 0.3135,
0.3123

192.0385, 0.3130,
0.3226

 5.5266, 0.3136,
0.3086

234.8304, 0.3130,
0.3231

 2.5594, 0.3138,
0.3029

283.5491, 0.3130,

 0.9063, 0.3139,

0.3234

0.2927

338.5790, 0.3130,
0.3237

0.0000, 0.0000,
0.0000

53.5272, 0.3132,
0.3193

53.5272, 0.3132,
0.3193

45.4262, 0.3144,
0.2948

62.8127, 0.3120,
0.3429

38.4555, 0.3157,
0.2701

73.3203, 0.3109,
0.3652

32.5669, 0.3169,
0.2457

85.0947, 0.3099,
0.3860

27.7062, 0.3181,
0.2228

87.8102, 0.3097,
0.3902

23.8144, 0.3192,
0.2021

87.8143, 0.3096,
0.3901

■ 20.8266, 0.3202,
0.1847

■ 87.8184, 0.3096,
0.3900

■ 18.6700, 0.3209,
0.1711

■ 87.8225, 0.3095,
0.3899

■ 17.2604, 0.3215,
0.1618

■ 87.8266, 0.3095,
0.3898

■ 16.4961, 0.3219,
0.1566

■ 87.8307, 0.3094,
0.3897

Harmonies

Analogous

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



53.5272, 0.3063, 0.3171



53.5272, 0.3132, 0.3193



53.5272, 0.3200, 0.3240

Triad

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



53.5272, 0.3132, 0.3193



53.5272, 0.3243, 0.3400



53.5272, 0.3007, 0.3278

Complementary

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



53.5272, 0.3132, 0.3193



55.7087, 0.3122, 0.3389

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.



53.5272, 0.3054, 0.3341



53.5272, 0.3132, 0.3193



53.5272, 0.3191, 0.3412

Square

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



53.5272, 0.3132, 0.3193



53.5272, 0.3265, 0.3359



53.5272, 0.3121, 0.3390



53.5272, 0.2991, 0.3219

Rectangle

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



53.5272, 0.3132, 0.3193



53.5272, 0.3236, 0.3280



53.5272, 0.3121, 0.3390



53.5272, 0.3019, 0.3299

Sweetspot

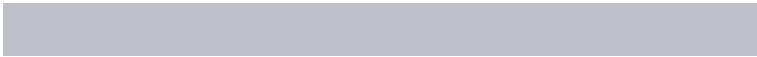
The Sweet Spot groups the original color and five complimentary colors.



53.5295, 0.3132, 0.3193



98.3831, 0.3128, 0.3266



52.4563, 0.3067, 0.3190



21.0751, 0.3128, 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.



53.5295, 0.3132, 0.3193



92.1296, 0.3133, 0.3168



53.3462, 0.3162, 0.3241



11.5008, 0.3134, 0.3155



10.4333, 0.3220, 0.1548



0.4943, 0.3218, 0.1546

Inverse Universe

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



53.5295, 0.3132, 0.3193



92.1296, 0.3133, 0.3168



55.8871, 0.3093, 0.3339



11.5008, 0.3134, 0.3155



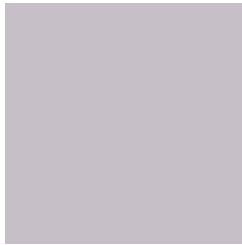
10.4333, 0.3220, 0.1548



0.4943, 0.3218, 0.1546

Previews

White Background



This preview shows how the Yxy color 53.5272, 0.3132, 0.3193 looks on a white background.

Color Contrast Check

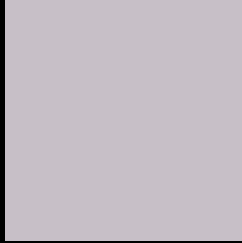
Large Text (above 18pt) WCAG AA × Fail

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 53.5272, 0.3132, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

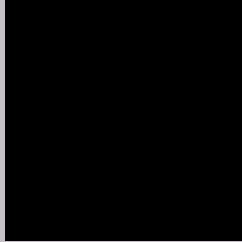
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

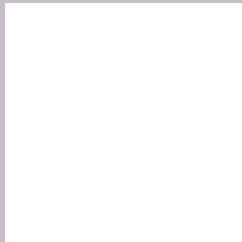
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5272, 0.3132, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 53.5272, 0.3132, 0.3193.

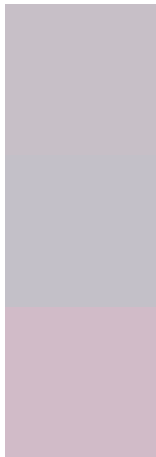


This preview shows how white text looks on a background with the Yxy color 53.5272, 0.3132, 0.3193.

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

53.5272, 0.3132, 0.3193

Protanopia

53.4715, 0.3092, 0.3193

Deuteranopia

53.2661, 0.3209, 0.3137



Tritanopia

53.5140, 0.3095, 0.3110

Trichromacy



Original Color

53.5272, 0.3132, 0.3193

Protanomaly

53.6052, 0.3100, 0.3193

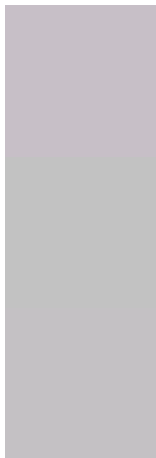
Deuteranomaly

53.1157, 0.3175, 0.3147

Tritanomaly

53.4181, 0.3110, 0.3134

Monochromacy



Original Color

53.5272, 0.3132, 0.3193

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8612, 0.3129, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5272, 0.3132, 0.3193 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(199, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 199)  
}
```

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(199, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.5272, 0.3132, 0.3193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

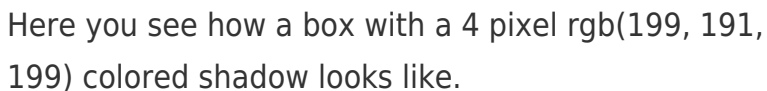
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 191, 199) }
```

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

```
.border{ border-color:rgb(199, 191, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 191, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 191, 199); box-shadow:4px 4px 4px 4px rgb(199, 191, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5272, 0.3132, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 199) }
```

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

```
.background{ background-color: rgb(199,  
191, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor