

Converting Colors

$Y_{xy}(53.5119, 0.3115, 0.3217)$

Have a look what the booklet for
Yxy(53.5119, 0.3115, 0.3217)
contains.

Yxy(53.5123, 0.3114, 0.3217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.5123, 0.3114, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	C4C0C6
RGB	196, 192, 198
RGB Percent	77%, 75%, 78%
CMY	0.2316, 0.2470, 0.2235
CMYK	0.01, 0.03, 0.00, 0.22
HSL	279°, 5%, 76%
HSV	279°, 3%, 78%
XYZ	51.7990, 53.5123, 61.0310
YIQ	193.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

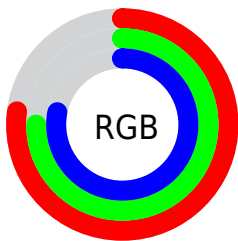
Format	Color
RYB	196, 192, 198
Decimal	12894406
CIELab	78.18, 2.48, -2.53
CIELCh	78, 3.541, 314.416
Yxy	53.5123, 0.3114, 0.3217
Android (android.graphics.Color)	4291084486 (0xFFC4C0C6)
YUV	193.8800, 2.0312, 1.8592
Hunter-Lab	73.1521, -1.6204, 1.7407

Details

The Yxy color **53.5123, 0.3114, 0.3217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6797, 0.3140, 0.3363**, and the grayscale version is **53.8595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2374, 0.3118, 0.3223**, and **26.2296, 0.3109, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **44.5032, 0.3065, 0.2965**, and if you desaturate by 10%, it is **63.7373, 0.3155, 0.3452**.

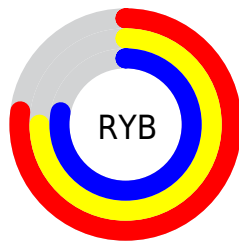
Distribution



Red (77%)

Green (75%)

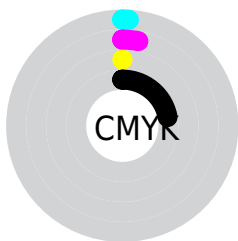
Blue (78%)



Red (77%)

Yellow (75%)

Blue (78%)

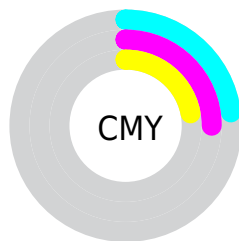


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (25%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5123, 0.3114, 0.3217 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 53.5123, 0.3114, 0.3217 by changing the saturation by 10% instead.

 53.5123, 0.3114,
0.3217

 53.5123, 0.3114,
0.3217

400.2475, 0.3121,
0.3253

 38.2119, 0.3112,
0.3208


 95.3578, 0.3116,
0.3230

 26.1472, 0.3110,
0.3197

122.6717, 0.3117,
0.3235

 16.9338, 0.3108,
0.3183


154.7588, 0.3118,
0.3239

 10.1873, 0.3104,
0.3164

192.0036, 0.3119,
0.3242

 5.5233, 0.3098,
0.3136

234.7905, 0.3119,
0.3245

 2.5575, 0.3089,
0.3092

283.5039, 0.3120,

 0.9053, 0.3073,

0.3248

0.3013

338.5281, 0.3120,
0.3250

0.0000, 0.0000,
0.0000

53.5123, 0.3114,
0.3217

53.5123, 0.3114,
0.3217

44.5032, 0.3065,
0.2965

63.7373, 0.3155,
0.3452

36.6561, 0.3007,
0.2698

75.2157, 0.3188,
0.3667

29.9234, 0.2940,
0.2422

87.9917, 0.3216,
0.3863

24.2514, 0.2865,
0.2145

91.3138, 0.3256,
0.3889

19.5818, 0.2781,
0.1878

92.4179, 0.3300,
0.3881

■ 15.8506, 0.2691,
0.1632

■ 93.5660, 0.3345,
0.3873

■ 12.9862, 0.2598,
0.1420

■ 94.7585, 0.3390,
0.3864

■ 10.9064, 0.2505,
0.1252

■ 95.9960, 0.3435,
0.3856

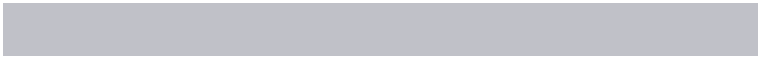
■ 9.5124, 0.2416,
0.1132

■ 96.8577, 0.3466,
0.3850

Harmonies

Analogous

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



53.5123, 0.3070, 0.3209



53.5123, 0.3114, 0.3217



53.5123, 0.3162, 0.3244

Triad

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



53.5123, 0.3114, 0.3217



53.5123, 0.3213, 0.3357



53.5123, 0.3055, 0.3297

Complementary

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



53.5123, 0.3114, 0.3217



55.6797, 0.3140, 0.3363

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.



53.5123, 0.3093, 0.3337



53.5123, 0.3114, 0.3217



53.5123, 0.3184, 0.3372

Square

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



53.5123, 0.3114, 0.3217



53.5123, 0.3219, 0.3324



53.5123, 0.3140, 0.3365



53.5123, 0.3036, 0.3255

Rectangle

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



53.5123, 0.3114, 0.3217



53.5123, 0.3189, 0.3269



53.5123, 0.3140, 0.3365



53.5123, 0.3066, 0.3311

Sweetspot

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



53.5146, 0.3114, 0.3217



98.2179, 0.3123, 0.3266



53.9220, 0.3082, 0.3242



21.0415, 0.3123, 0.3267



0.0000, 0.0000, 0.0000



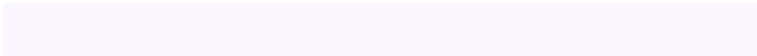
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5146, 0.3114, 0.3217



93.0050, 0.3109, 0.3192



53.7513, 0.3137, 0.3228



11.5824, 0.3106, 0.3176



5.7837, 0.2367, 0.1077



0.3128, 0.2546, 0.1176

Inverse Universe

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



53.6135, 0.3160, 0.3265



93.2402, 0.3172, 0.3256



55.4489, 0.3117, 0.3353



11.6166, 0.3179, 0.3251



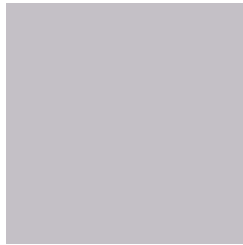
8.0941, 0.5578, 0.2846



0.3969, 0.4989, 0.2522

Previews

White Background



This preview shows how the Yxy color 53.5123, 0.3114, 0.3217 looks on a white background.

Color Contrast Check

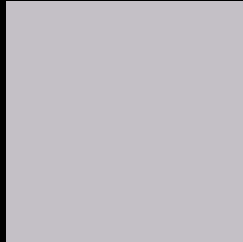
Large Text (above 18pt) WCAG AA × Fail

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 53.5123, 0.3114, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

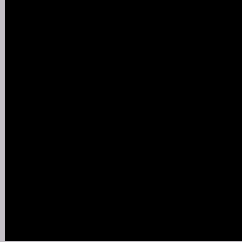
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

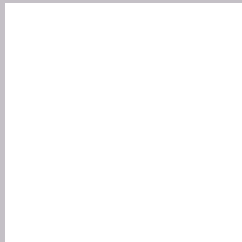
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5123, 0.3114, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 53.5123, 0.3114, 0.3217.

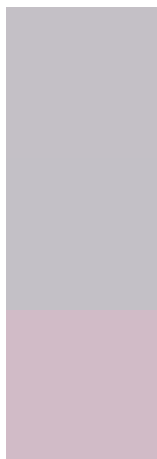


This preview shows how white text looks on a background with the Yxy color 53.5123, 0.3114, 0.3217.

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

53.5123, 0.3114, 0.3217

Protanopia

53.3786, 0.3106, 0.3217

Deuteranopia

53.2195, 0.3217, 0.3148



Tritanopia

53.5882, 0.3064, 0.3109

Trichromacy



Original Color

53.5123, 0.3114, 0.3217

Protanomaly

53.3786, 0.3106, 0.3217

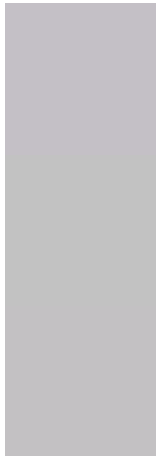
Deuteranomaly

53.3561, 0.3174, 0.3171

Tritanomaly

53.4437, 0.3086, 0.3145

Monochromacy



Original Color

53.5123, 0.3114, 0.3217

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6822, 0.3128, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5123, 0.3114, 0.3217 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(196, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 198)  
}
```

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(196, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.5123, 0.3114, 0.3217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

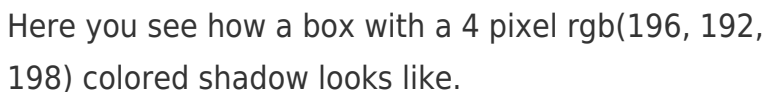
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 192, 198) }
```

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

```
.border{ border-color:rgb(196, 192, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 192, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 192, 198); box-shadow:4px 4px 4px 4px rgb(196, 192, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5123, 0.3114, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 198) }
```

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

```
.background{ background-color: rgb(196,  
192, 198) }
```

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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