

Converting Colors

$Yxy(53.5102, 0.3111, 0.3302)$

Have a look what the booklet for
Yxy(53.5102, 0.3111, 0.3302)
contains.

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Color

Yxy(53.5102, 0.3111, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	BFC2C1
RGB	191, 194, 193
RGB Percent	75%, 76%, 76%
CMY	0.2507, 0.2393, 0.2431
CMYK	0.02, 0.00, 0.01, 0.24
HSL	160°, 2%, 75%
HSV	160°, 2%, 76%
XYZ	50.4150, 53.5102, 58.1287
YIQ	192.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

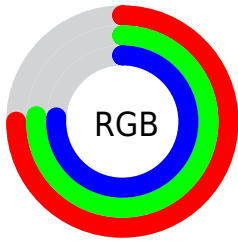
Format	Color
RYB	191, 193, 194
Decimal	12567233
CIELab	78.18, -1.19, 0.13
CIELCh	78, 1.194, 173.974
Yxy	53.5102, 0.3111, 0.3302
Android (android.graphics.Color)	4290757313 (0xFFBFC2C1)
YUV	192.9890, 0.0054, -1.7444
Hunter-Lab	73.1507, -4.9926, 4.0910

Details

The Yxy color **53.5102, 0.3111, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5625, 0.3144, 0.3278**, and the grayscale version is **53.3284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9849, 0.3114, 0.3300**, and **26.0529, 0.3106, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **50.8782, 0.3005, 0.3387**, and if you desaturate by 10%, it is **56.4926, 0.3219, 0.3226**.

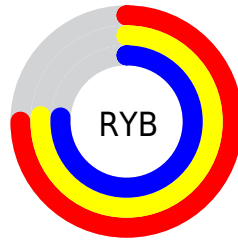
Distribution



Red (75%)

Green (76%)

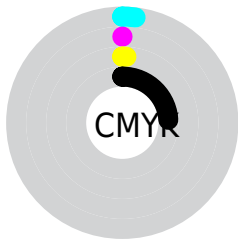
Blue (76%)



Red (75%)

Yellow (76%)

Blue (76%)

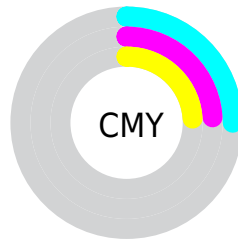


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5102, 0.3111, 0.3302 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 53.5102, 0.3111, 0.3302 by changing the saturation by 10% instead.

■ 53.5102, 0.3111,
0.3302

■ 53.5102, 0.3111,
0.3302

400.2395, 0.3119,
0.3296

■ 38.2102, 0.3109,
0.3303

■ 95.3547, 0.3114,
0.3300

■ 26.1459, 0.3107,
0.3305

122.6680, 0.3115,
0.3299

■ 16.9328, 0.3103,
0.3308

154.7545, 0.3116,
0.3298

■ 10.1866, 0.3099,
0.3311

191.9987, 0.3117,
0.3298

■ 5.5229, 0.3093,
0.3315

234.7849, 0.3117,
0.3297

■ 2.5572, 0.3082,
0.3323

283.4975, 0.3118,

■ 0.9052, 0.3064,

0.3297

0.3336

338.5209, 0.3118,
0.3297

0.0000, 0.0000,
0.0000

53.5102, 0.3111,
0.3302

53.5102, 0.3111,
0.3302

50.8782, 0.3005,
0.3387

56.4926, 0.3219,
0.3226

48.5766, 0.2904,
0.3481

59.8308, 0.3326,
0.3158

46.5936, 0.2810,
0.3583

63.5391, 0.3433,
0.3099

44.9142, 0.2726,
0.3693

64.9464, 0.3427,
0.3037

43.5221, 0.2655,
0.3811

65.2936, 0.3377,
0.2973

■ 42.3996, 0.2599,
0.3934

■ 65.6542, 0.3327,
0.2909

■ 41.5268, 0.2562,
0.4061

■ 66.0284, 0.3278,
0.2847

■ 40.8810, 0.2545,
0.4189

■ 66.4162, 0.3229,
0.2786

■ 40.4351, 0.2548,
0.4316

■ 66.8179, 0.3182,
0.2727

Harmonies

Analogous

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



53.5102, 0.3126, 0.3313



53.5102, 0.3111, 0.3302



53.5102, 0.3100, 0.3288

Triad

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



53.5102, 0.3111, 0.3302



53.5102, 0.3112, 0.3263



53.5102, 0.3158, 0.3306

Complementary

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



53.5102, 0.3111, 0.3302



52.5625, 0.3144, 0.3278

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.



53.5102, 0.3155, 0.3292



53.5102, 0.3111, 0.3302



53.5102, 0.3128, 0.3268

Square

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



53.5102, 0.3111, 0.3302



53.5102, 0.3101, 0.3265



53.5102, 0.3144, 0.3278



53.5102, 0.3154, 0.3315

Rectangle

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



53.5102, 0.3111, 0.3302



53.5102, 0.3097, 0.3279



53.5102, 0.3144, 0.3278



53.5102, 0.3158, 0.3302

Sweetspot

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



53.5125, 0.3111, 0.3302



97.7402, 0.3127, 0.3290



53.5593, 0.3134, 0.3326



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



53.5125, 0.3111, 0.3302



96.7012, 0.3105, 0.3306



53.3611, 0.3104, 0.3285



11.8110, 0.3107, 0.3305



26.4306, 0.2557, 0.4406



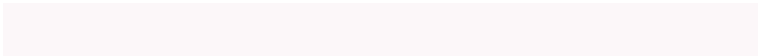
1.1543, 0.2479, 0.4125

Inverse Universe

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



52.5625, 0.3144, 0.3278



94.3915, 0.3149, 0.3274



52.7113, 0.3151, 0.3296



11.5508, 0.3148, 0.3275



7.8032, 0.5614, 0.2866



0.3501, 0.4976, 0.2515

Previews

White Background



This preview shows how the Yxy color 53.5102, 0.3111, 0.3302 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 53.5102, 0.3111, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

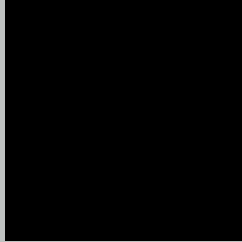
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

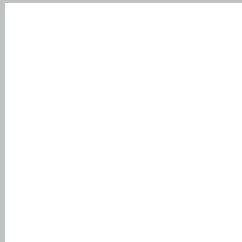
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5102, 0.3111, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 53.5102, 0.3111, 0.3302.



This preview shows how white text looks on a background with the Yxy color 53.5102, 0.3111, 0.3302.

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

53.5102, 0.3111, 0.3302

Protanopia

53.3754, 0.3168, 0.3290

Deuteranopia

53.2846, 0.3273, 0.3208



Tritanopia

53.5417, 0.3025, 0.3108

Trichromacy



Original Color

53.5102, 0.3111, 0.3302

Protanomaly

53.5478, 0.3151, 0.3302

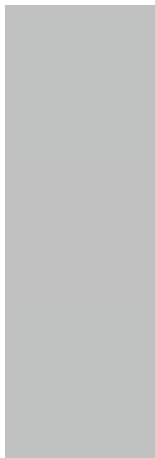
Deuteranomaly

53.5593, 0.3212, 0.3242

Tritanomaly

53.6107, 0.3053, 0.3180

Monochromacy



Original Color

53.5102, 0.3111, 0.3302

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1967, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5102, 0.3111, 0.3302 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(191, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 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(191, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 193) }
```

Border

The CSS property to change the border of an element to Yxy 53.5102, 0.3111, 0.3302 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(191, 194, 193) }
```

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

```
.border{ border-color:rgb(191, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 194, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 194, 193); box-shadow:4px 4px 4px 4px rgb(191, 194, 193) }
```

Background

The CSS property to change the background color of an element to Yxy 53.5102, 0.3111, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 193) }
```

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

```
.background{ background-color: rgb(191,  
194, 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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