

Converting Colors

$Yxy(52.7278, 0.3115, 0.3321)$

Have a look what the booklet for
Yxy(52.7278, 0.3115, 0.3321)
contains.

Yxy(52.7203, 0.3110, 0.3315)	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(52.7203, 0.3110, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	BDC1BF
RGB	189, 193, 191
RGB Percent	74%, 76%, 75%
CMY	0.2588, 0.2431, 0.2510
CMYK	0.02, 0.00, 0.01, 0.24
HSL	150°, 3%, 75%
HSV	150°, 2%, 76%
XYZ	49.4601, 52.7203, 56.8552
YIQ	191.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

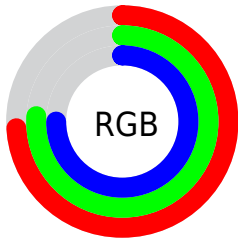
Format	Color
RYB	189, 192, 193
Decimal	12435903
CIELab	77.71, -1.75, 0.52
CIELCh	78, 1.826, 163.584
Yxy	52.7203, 0.3110, 0.3315
Android (android.graphics.Color)	4290625983 (0xFFBDC1BF)
YUV	191.5760, -0.2840, -2.2592
Hunter-Lab	72.6087, -5.4736, 4.3999

Details

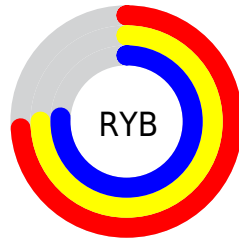
The Yxy color **52.7203, 0.3110, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4973, 0.3145, 0.3265**, and the grayscale version is **52.4559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8792, 0.3114, 0.3310**, and **25.8254, 0.3104, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **50.0033, 0.3028, 0.3445**, and if you desaturate by 10%, it is **55.7986, 0.3193, 0.3200**.

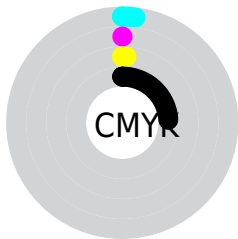
Distribution



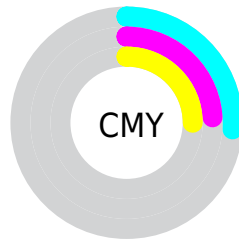
- Red (74%)
- Green (76%)
- Blue (75%)



- Red (74%)
- Yellow (75%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7203, 0.3110, 0.3315 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 52.7203, 0.3110, 0.3315 by changing the saturation by 10% instead.

■ 52.7203, 0.3110,
0.3315

■ 52.7203, 0.3110,
0.3315

397.2111, 0.3118,
0.3303

■ 37.5795, 0.3108,
0.3318

■ 94.1927, 0.3113,
0.3311

■ 25.6565, 0.3105,
0.3322

121.2931, 0.3114,
0.3309

■ 16.5669, 0.3102,
0.3327

153.1488, 0.3115,
0.3308

■ 9.9262, 0.3097,
0.3334

190.1442, 0.3116,
0.3306

■ 5.3500, 0.3090,
0.3344

232.6638, 0.3117,
0.3305

■ 2.4541, 0.3079,
0.3360

281.0918, 0.3117,

■ 0.8535, 0.3055,

0.3304

335.8128, 0.3118,
0.3304

0.3393

0.0000, 0.0000,
0.0000

52.7203, 0.3110,
0.3315

52.7203, 0.3110,
0.3315

50.0033, 0.3028,
0.3445

55.7986, 0.3193,
0.3200

47.6273, 0.2948,
0.3589

59.2441, 0.3275,
0.3098

45.5803, 0.2874,
0.3747


63.0711, 0.3355,
0.3009


43.8471, 0.2808,
0.3920


65.1034, 0.3343,
0.2919


42.4111, 0.2754,
0.4104


65.6629, 0.3270,
0.2826


 41.2541, 0.2714,
0.4297

 66.2533, 0.3198,
0.2736

 40.3559, 0.2691,
0.4493

 66.6219, 0.3156,
0.2683

 39.6935, 0.2688,
0.4689

 39.2394, 0.2705,
0.4878

Harmonies

Analogous

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



52.7203, 0.3135, 0.3329



52.7203, 0.3110, 0.3315



52.7203, 0.3090, 0.3294

Triad

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



52.7203, 0.3110, 0.3315



52.7203, 0.3097, 0.3248



52.7203, 0.3175, 0.3308

Complementary

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



52.7203, 0.3110, 0.3315



51.4973, 0.3145, 0.3265

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.



52.7203, 0.3165, 0.3286



52.7203, 0.3110, 0.3315



52.7203, 0.3120, 0.3252

Square

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



52.7203, 0.3110, 0.3315



52.7203, 0.3083, 0.3256



52.7203, 0.3144, 0.3266



52.7203, 0.3172, 0.3325

Rectangle

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



52.7203, 0.3110, 0.3315



52.7203, 0.3082, 0.3280



52.7203, 0.3144, 0.3266



52.7203, 0.3173, 0.3301

Sweetspot

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



52.7226, 0.3110, 0.3315



94.9736, 0.3119, 0.3302



52.9018, 0.3141, 0.3340



20.3808, 0.3119, 0.3302



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



52.7226, 0.3110, 0.3315



94.4433, 0.3110, 0.3315



52.8087, 0.3096, 0.3291



11.8049, 0.3112, 0.3313



25.9455, 0.2722, 0.4998



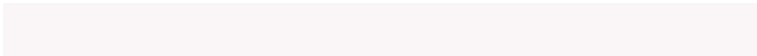
1.1350, 0.2607, 0.4586

Inverse Universe

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



51.4973, 0.3145, 0.3265



92.2920, 0.3144, 0.3266



51.4122, 0.3160, 0.3289



11.5568, 0.3143, 0.3268



8.1309, 0.4926, 0.2488



0.3652, 0.4443, 0.2221

Previews

White Background



This preview shows how the Yxy color 52.7203, 0.3110, 0.3315 looks on a white background.

Color Contrast Check

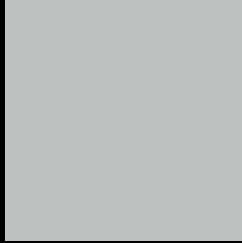
Large Text (above 18pt) WCAG AA × Fail

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 52.7203, 0.3110, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

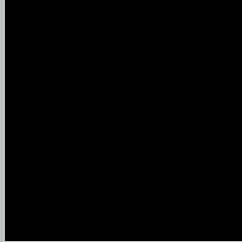
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

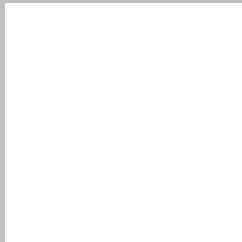
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7203, 0.3110, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 52.7203, 0.3110, 0.3315.



This preview shows how white text looks on a background with the Yxy color 52.7203, 0.3110, 0.3315.

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

52.7203, 0.3110, 0.3315

Protanopia

52.7151, 0.3176, 0.3302

Deuteranopia

52.6252, 0.3282, 0.3219



Tritanopia

52.7942, 0.3016, 0.3107

Trichromacy



Original Color

52.7203, 0.3110, 0.3315

Protanomaly

52.7544, 0.3150, 0.3315

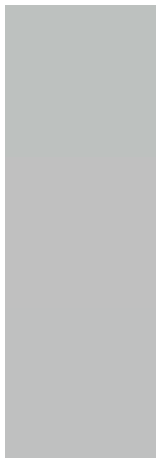
Deuteranomaly

52.7575, 0.3211, 0.3254

Tritanomaly

52.8635, 0.3045, 0.3179

Monochromacy



Original Color

52.7203, 0.3110, 0.3315

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5814, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7203, 0.3110, 0.3315 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(189, 193, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 191)  
}
```

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(189, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 191) }
```

Border

The CSS property to change the border of an element to Yxy 52.7203, 0.3110, 0.3315 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(189, 193, 191) }
```

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

```
.border{ border-color:rgb(189, 193, 191) }
```

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

Here you see how a box with a 4 pixel rgb(189, 193, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 193,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7203, 0.3110, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 191) }
```

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

```
.background{ background-color: rgb(189,  
193, 191) }
```

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