

Converting Colors

$Y_{xy}(52.6010, 0.3081, 0.3250)$

Have a look what the booklet for
Yxy(52.6010, 0.3081, 0.3250)
contains.

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Color

Yxy(52.4582, 0.3081, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	BDC0C3
RGB	189, 192, 195
RGB Percent	74%, 75%, 76%
CMY	0.2588, 0.2470, 0.2354
CMYK	0.03, 0.02, 0.00, 0.24
HSL	210°, 5%, 75%
HSV	210°, 3%, 76%
XYZ	49.6845, 52.4582, 59.1183
YIQ	191.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

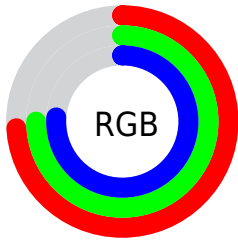
Format	Color
RYB	189, 191, 195
Decimal	12435651
CIELab	77.55, -0.47, -1.86
CIELCh	78, 1.921, 255.727
Yxy	52.4582, 0.3081, 0.3253
Android (android.graphics.Color)	4290625731 (0xFFBDC0C3)
YUV	191.4450, 1.7526, -2.1443
Hunter-Lab	72.4280, -4.3008, 2.3051

Details

The Yxy color **52.4582, 0.3081, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9595, 0.3174, 0.3327**, and the grayscale version is **52.3637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5756, 0.3085, 0.3251**, and **25.6226, 0.3075, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **46.0147, 0.2926, 0.3123**, and if you desaturate by 10%, it is **59.5217, 0.3229, 0.3369**.

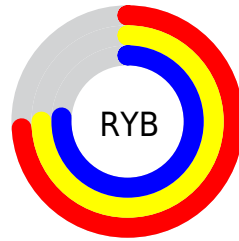
Distribution



Red (74%)

Green (75%)

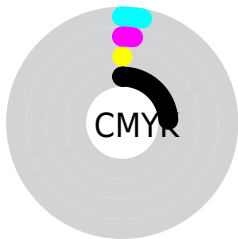
Blue (76%)



Red (74%)

Yellow (75%)

Blue (76%)

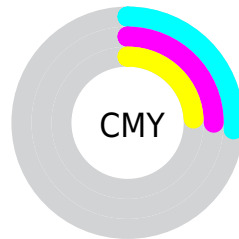


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4582, 0.3081, 0.3253 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 52.4582, 0.3081, 0.3253 by changing the saturation by 10% instead.

■ 52.4582, 0.3081,
0.3253

■ 52.4582, 0.3081,
0.3253

396.2030, 0.3104,
0.3271

■ 37.3704, 0.3075,
0.3249

■ 93.8066, 0.3089,
0.3260

■ 25.4944, 0.3068,
0.3243

120.8361, 0.3092,
0.3262

■ 16.4458, 0.3059,
0.3235

152.6149, 0.3095,
0.3264

■ 9.8402, 0.3047,
0.3225

189.5274, 0.3097,
0.3266

■ 5.2931, 0.3028,
0.3210

231.9581, 0.3099,
0.3268

■ 2.4202, 0.2999,
0.3186

280.2914, 0.3101,

■ 0.8363, 0.2942,

0.3269

0.3141

334.9115, 0.3102,
0.3270

0.0000, 0.0000,
0.0000

52.4582, 0.3081,
0.3253

52.4582, 0.3081,
0.3253

46.0147, 0.2926,
0.3123

59.5217, 0.3229,
0.3369

40.1659, 0.2766,
0.2978

67.2162, 0.3370,
0.3472

34.8943, 0.2603,
0.2820

75.5610, 0.3501,
0.3562

30.1791, 0.2442,
0.2648

82.2258, 0.3536,
0.3653

25.9978, 0.2287,
0.2465

87.7958, 0.3515,
0.3746

■ 22.3262, 0.2142,
0.2274

■ 93.6709, 0.3494,
0.3836

■ 19.1376, 0.2013,
0.2081

■ 96.7188, 0.3484,
0.3880

■ 16.4023, 0.1905,
0.1888

■ 14.0852, 0.1820,
0.1704

Harmonies

Analogous

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



52.4582, 0.3077, 0.3270



52.4582, 0.3081, 0.3253



52.4582, 0.3097, 0.3246

Triad

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



52.4582, 0.3081, 0.3253



52.4582, 0.3168, 0.3287



52.4582, 0.3133, 0.3330

Complementary

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



52.4582, 0.3081, 0.3253



52.9595, 0.3174, 0.3327

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.



52.4582, 0.3157, 0.3335



52.4582, 0.3081, 0.3253



52.4582, 0.3177, 0.3310

Square

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



52.4582, 0.3081, 0.3253



52.4582, 0.3147, 0.3266



52.4582, 0.3174, 0.3327



52.4582, 0.3107, 0.3315

Rectangle

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



52.4582, 0.3081, 0.3253



52.4582, 0.3113, 0.3248



52.4582, 0.3174, 0.3327



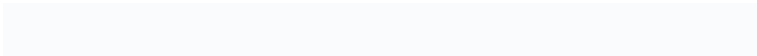
52.4582, 0.3142, 0.3333

Sweetspot

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



52.4604, 0.3081, 0.3253



96.4833, 0.3112, 0.3278



53.6376, 0.3102, 0.3328



21.1423, 0.3113, 0.3278



0.0000, 0.0000, 0.0000



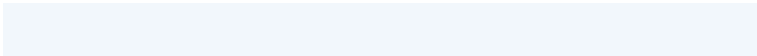
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4604, 0.3081, 0.3253



92.7812, 0.3066, 0.3241



51.1996, 0.3082, 0.3217



11.2324, 0.3056, 0.3233



8.4138, 0.1779, 0.1605



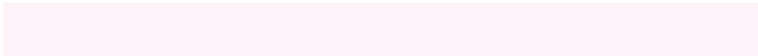
0.5014, 0.1892, 0.2009

Inverse Universe

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



51.8025, 0.3153, 0.3253



91.2355, 0.3162, 0.3241



54.2451, 0.3172, 0.3362



11.0167, 0.3168, 0.3233



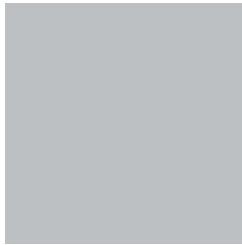
8.1316, 0.4925, 0.2487



0.3653, 0.4442, 0.2221

Previews

White Background



This preview shows how the Yxy color 52.4582, 0.3081, 0.3253 looks on a white background.

Color Contrast Check

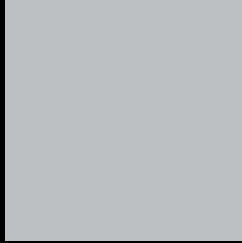
Large Text (above 18pt) WCAG AA × Fail

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 52.4582, 0.3081, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

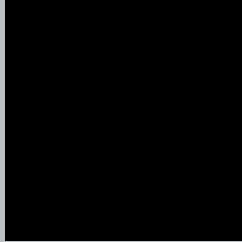
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

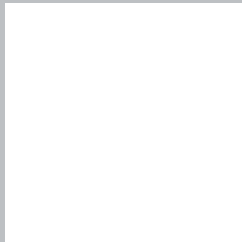
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4582, 0.3081, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 52.4582, 0.3081, 0.3253.

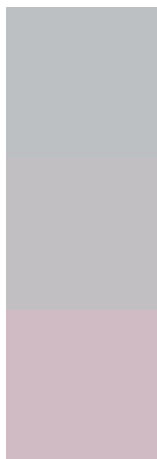


This preview shows how white text looks on a background with the Yxy color 52.4582, 0.3081, 0.3253.

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

52.4582, 0.3081, 0.3253

Protanopia

52.6260, 0.3129, 0.3253

Deuteranopia

52.5132, 0.3233, 0.3171



Tritanopia

52.3111, 0.3024, 0.3106

Trichromacy



Original Color

52.4582, 0.3081, 0.3253

Protanomaly

52.3631, 0.3113, 0.3253

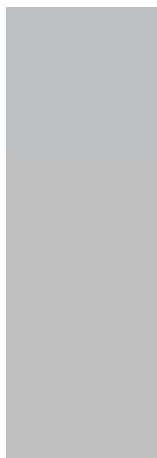
Deuteranomaly

52.3695, 0.3173, 0.3193

Tritanomaly

52.4258, 0.3045, 0.3167

Monochromacy



Original Color

52.4582, 0.3081, 0.3253

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0145, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4582, 0.3081, 0.3253 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, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(189, 192, 195)  
}
```

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, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 192, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.4582, 0.3081, 0.3253 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, 192, 195) }
```

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

```
.border{ border-color:rgb(189, 192, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 192,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4582, 0.3081, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 192, 195) }
```

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

```
.background{ background-color: rgb(189,  
192, 195) }
```

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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