

Converting Colors

Yxy(52.3813, 0.3043, 0.3242)

Have a look what the booklet for
Yxy(52.3813, 0.3043, 0.3242)
contains.

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Color

Yxy(52.5646, 0.3049, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1C4
RGB	186, 193, 196
RGB Percent	73%, 76%, 77%
CMY	0.2706, 0.2431, 0.2313
CMYK	0.05, 0.02, 0.00, 0.23
HSL	198°, 8%, 75%
HSV	198°, 5%, 77%
XYZ	49.2834, 52.5646, 59.7898
YIQ	191.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

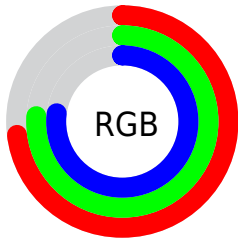
Format	Color
R _Y B	186, 190, 196
Decimal	12239300
CIE Lab	77.62, -1.83, -2.37
CIE LCh	78, 2.994, 232.256
Yxy	52.5646, 0.3049, 0.3252
Android (android.graphics.Color)	4290429380 (0xFFBAC1C4)
YUV	191.2490, 2.3422, -4.6034
Hunter-Lab	72.5014, -5.5409, 1.8563

Details

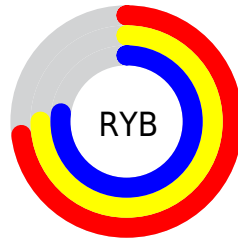
The Yxy color **52.5646, 0.3049, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6838, 0.3209, 0.3328**, and the grayscale version is **52.2416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7205, 0.3060, 0.3251**, and **25.6957, 0.3033, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **47.7203, 0.2896, 0.3172**, and if you desaturate by 10%, it is **57.8543, 0.3201, 0.3324**.

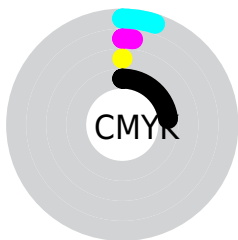
Distribution



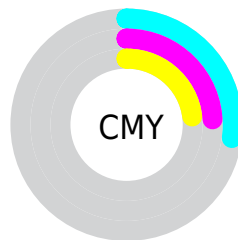
- Red (73%)
- Green (76%)
- Blue (77%)



- Red (73%)
- Yellow (75%)
- Blue (77%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5646, 0.3049, 0.3252 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 52.5646, 0.3049, 0.3252 by changing the saturation by 10% instead.

■ 52.5646, 0.3049,
0.3252

■ 52.5646, 0.3049,
0.3252

396.6124, 0.3087,
0.3271

■ 37.4553, 0.3040,
0.3247

■ 93.9634, 0.3063,
0.3259

■ 25.5602, 0.3028,
0.3241

121.0216, 0.3068,
0.3261

■ 16.4949, 0.3012,
0.3234

152.8317, 0.3072,
0.3264

■ 9.8750, 0.2991,
0.3223

189.7779, 0.3076,
0.3265

■ 5.3162, 0.2960,
0.3207

232.2447, 0.3079,
0.3267

■ 2.4340, 0.2911,
0.3182

280.6164, 0.3082,

■ 0.8433, 0.2815,

0.3268

0.3136

335.2776, 0.3085,
0.3270

0.0000, 0.0000,
0.0000

52.5646, 0.3049,
0.3252

52.5646, 0.3049,
0.3252

47.7203, 0.2896,
0.3172

57.8543, 0.3201,
0.3324

43.2999, 0.2744,
0.3084

63.5968, 0.3350,
0.3389

39.2898, 0.2597,
0.2989

69.8076, 0.3494,
0.3446

35.6732, 0.2457,
0.2887

74.6731, 0.3560,
0.3502

32.4317, 0.2329,
0.2780

77.7630, 0.3547,
0.3561

■ 29.5452, 0.2216,
0.2668

■ 80.9628, 0.3534,
0.3619

■ 26.9914, 0.2120,
0.2554

■ 84.2735, 0.3521,
0.3676

■ 24.7444, 0.2044,
0.2440

■ 87.6962, 0.3508,
0.3733

■ 22.7729, 0.1988,
0.2328

■ 91.2319, 0.3496,
0.3788

Harmonies

Analogous

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



52.5646, 0.3060, 0.3286



52.5646, 0.3049, 0.3252



52.5646, 0.3059, 0.3228

Triad

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



52.5646, 0.3049, 0.3252



52.5646, 0.3166, 0.3259



52.5646, 0.3167, 0.3360

Complementary

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



52.5646, 0.3049, 0.3252



51.6838, 0.3209, 0.3328

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.



52.5646, 0.3196, 0.3352



52.5646, 0.3049, 0.3252



52.5646, 0.3195, 0.3294

Square

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



52.5646, 0.3049, 0.3252



52.5646, 0.3127, 0.3232



52.5646, 0.3206, 0.3328



52.5646, 0.3127, 0.3349

Rectangle

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



52.5646, 0.3049, 0.3252



52.5646, 0.3076, 0.3222



52.5646, 0.3206, 0.3328



52.5646, 0.3178, 0.3359

Sweetspot

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



52.5668, 0.3049, 0.3252



98.0698, 0.3096, 0.3275



53.6047, 0.3099, 0.3378



21.0113, 0.3098, 0.3276



0.0000, 0.0000, 0.0000



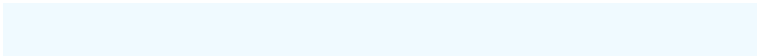
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5668, 0.3049, 0.3252



94.3090, 0.3034, 0.3245



50.3886, 0.3050, 0.3189



11.1996, 0.3027, 0.3241



14.2122, 0.1969, 0.2289



0.7302, 0.2039, 0.2539

Inverse Universe

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



50.7024, 0.3156, 0.3204



90.3305, 0.3162, 0.3187



53.8772, 0.3204, 0.3389



10.6916, 0.3165, 0.3179



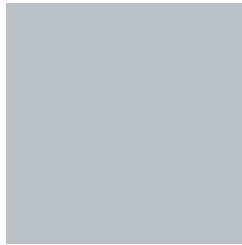
8.7170, 0.4138, 0.2053



0.3884, 0.3884, 0.1913

Previews

White Background



This preview shows how the Yxy color 52.5646, 0.3049, 0.3252 looks on a white background.

Color Contrast Check

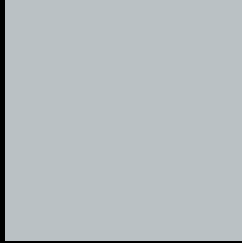
Large Text (above 18pt) WCAG AA × Fail

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 52.5646, 0.3049, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

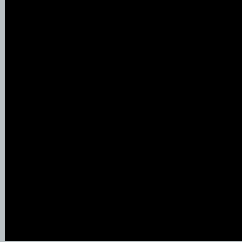
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

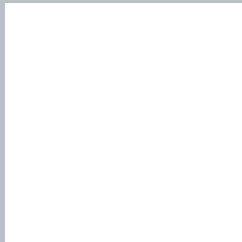
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5646, 0.3049, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 52.5646, 0.3049, 0.3252.



This preview shows how white text looks on a background with the Yxy color 52.5646, 0.3049, 0.3252.

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

52.5646, 0.3049, 0.3252

Protanopia

52.6711, 0.3121, 0.3241

Deuteranopia

52.4144, 0.3217, 0.3159



Tritanopia

52.4580, 0.2986, 0.3093

Trichromacy



Original Color

52.5646, 0.3049, 0.3252

Protanomaly

52.7158, 0.3097, 0.3253

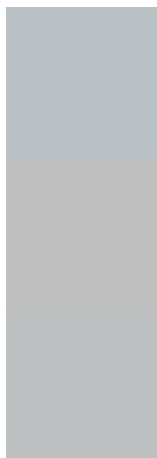
Deuteranomaly

52.5685, 0.3148, 0.3193

Tritanomaly

52.5759, 0.3007, 0.3154

Monochromacy



Original Color

52.5646, 0.3049, 0.3252

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3683, 0.3096, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5646, 0.3049, 0.3252 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(186, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 196)  
}
```

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(186, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 196) }
```

Border

The CSS property to change the border of an element to Yxy 52.5646, 0.3049, 0.3252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

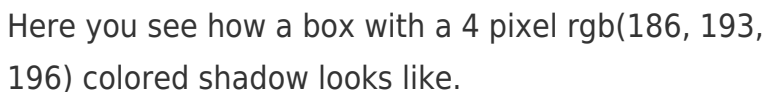
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 193, 196) }
```

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

```
.border{ border-color:rgb(186, 193, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 193, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 193, 196); box-shadow:4px 4px 4px 4px rgb(186, 193, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5646, 0.3049, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 196) }
```

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

```
.background{ background-color: rgb(186,  
193, 196) }
```

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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