

Converting Colors

Yxy(51.8488, 0.3033, 0.3224)

Have a look what the booklet for
Yxy(51.8488, 0.3033, 0.3224)
contains.

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Color

Yxy(52.0448, 0.3034, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	B9C0C5
RGB	185, 192, 197
RGB Percent	73%, 75%, 77%
CMY	0.2746, 0.2470, 0.2274
CMYK	0.06, 0.03, 0.00, 0.23
HSL	205°, 9%, 75%
HSV	205°, 6%, 77%
XYZ	48.9321, 52.0448, 60.3023
YIQ	190.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

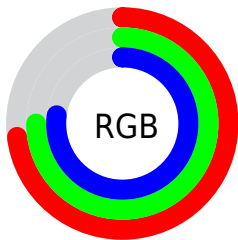
Format	Color
R _Y B	185, 189, 197
Decimal	12173509
CIE Lab	77.31, -1.45, -3.37
CIE LCh	77, 3.669, 246.637
Yxy	52.0448, 0.3034, 0.3227
Android (android.graphics.Color)	4290363589 (0xFFB9C0C5)
YUV	190.4770, 3.2158, -4.8033
Hunter-Lab	72.1421, -5.1767, 0.9400

Details

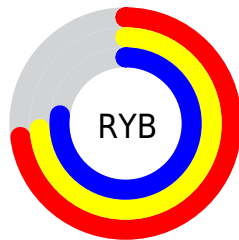
The Yxy color **52.0448, 0.3034, 0.3227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1953, 0.3224, 0.3352**, and the grayscale version is **51.7651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9913, 0.3048, 0.3231**, and **25.3539, 0.3013, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **46.2650, 0.2879, 0.3115**, and if you desaturate by 10%, it is **58.3690, 0.3185, 0.3328**.

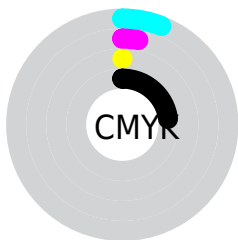
Distribution



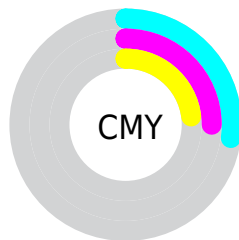
- Red (73%)
- Green (75%)
- Blue (77%)



- Red (73%)
- Yellow (74%)
- Blue (77%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0448, 0.3034, 0.3227 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 52.0448, 0.3034, 0.3227 by changing the saturation by 10% instead.

■ 52.0448, 0.3034,
0.3227

■ 52.0448, 0.3034,
0.3227

■ 394.6095, 0.3080,
0.3258

■ 37.0408, 0.3023,
0.3219

■ 93.1973, 0.3050,
0.3238

■ 25.2391, 0.3009,
0.3210

■ 120.1146, 0.3057,
0.3242

■ 16.2553, 0.2990,
0.3197

■ 151.7717, 0.3062,
0.3246

■ 9.7050, 0.2965,
0.3179

■ 188.5532, 0.3066,
0.3249

■ 5.2038, 0.2928,
0.3153

■ 230.8433, 0.3070,
0.3252

■ 2.3673, 0.2869,
0.3112

■ 279.0264, 0.3074,

■ 0.8090, 0.2750,

0.3254

0.3034

333.4871, 0.3077,
0.3256

0.0000, 0.0000,
0.0000

52.0448, 0.3034,
0.3227

52.0448, 0.3034,
0.3227

46.2650, 0.2879,
0.3115

58.3690, 0.3185,
0.3328

41.0058, 0.2721,
0.2991

65.2472, 0.3331,
0.3418

36.2512, 0.2565,
0.2856

72.6970, 0.3469,
0.3497

31.9820, 0.2414,
0.2711

79.0294, 0.3535,
0.3573

28.1772, 0.2272,
0.2558

83.5618, 0.3517,
0.3653

■ 24.8140, 0.2144,
0.2399

■ 88.3097, 0.3500,
0.3732

■ 21.8670, 0.2033,
0.2237

■ 93.2759, 0.3483,
0.3808

■ 19.3072, 0.1942,
0.2077

■ 96.8122, 0.3472,
0.3860

■ 17.0987, 0.1874,
0.1920

Harmonies

Analogous

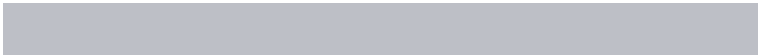
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.0448, 0.3035, 0.3264



52.0448, 0.3034, 0.3227



52.0448, 0.3058, 0.3207

Triad

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



52.0448, 0.3034, 0.3227



52.0448, 0.3195, 0.3271



52.0448, 0.3153, 0.3372

Complementary

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



52.0448, 0.3034, 0.3227



52.1953, 0.3224, 0.3352

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.



52.0448, 0.3197, 0.3374



52.0448, 0.3034, 0.3227



52.0448, 0.3221, 0.3315

Square

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



52.0448, 0.3034, 0.3227



52.0448, 0.3151, 0.3233



52.0448, 0.3221, 0.3353



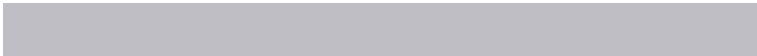
52.0448, 0.3103, 0.3349

Rectangle

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



52.0448, 0.3034, 0.3227



52.0448, 0.3085, 0.3206



52.0448, 0.3221, 0.3353



52.0448, 0.3169, 0.3376

Sweetspot

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



52.0470, 0.3034, 0.3227



97.6995, 0.3096, 0.3270



53.9620, 0.3085, 0.3381



20.9359, 0.3098, 0.3271



0.0000, 0.0000, 0.0000



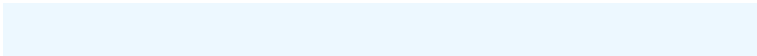
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0470, 0.3034, 0.3227



92.1244, 0.3019, 0.3216



49.5361, 0.3035, 0.3153



11.5503, 0.3013, 0.3212



10.8933, 0.1856, 0.1881



0.6564, 0.1946, 0.2205

Inverse Universe

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



50.3663, 0.3173, 0.3203



88.6663, 0.3181, 0.3189



54.7723, 0.3218, 0.3423



11.0921, 0.3184, 0.3183



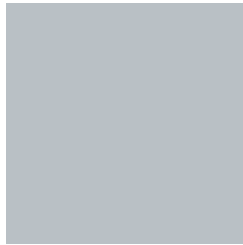
8.6397, 0.4590, 0.2302



0.4233, 0.4227, 0.2102

Previews

White Background



This preview shows how the Yxy color 52.0448, 0.3034, 0.3227 looks on a white background.

Color Contrast Check

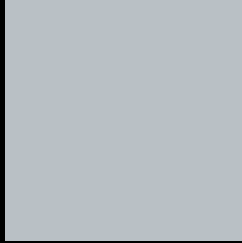
Large Text (above 18pt) WCAG AA × Fail

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 52.0448, 0.3034, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

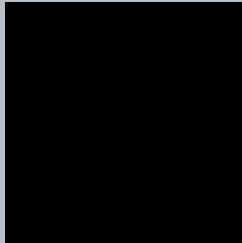
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

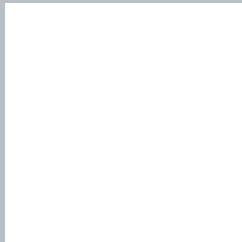
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0448, 0.3034, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 52.0448, 0.3034, 0.3227.



This preview shows how white text looks on a background with the Yxy color 52.0448, 0.3034, 0.3227.

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

52.0448, 0.3034, 0.3227

Protanopia

52.1499, 0.3106, 0.3216

Deuteranopia

51.8970, 0.3201, 0.3135



Tritanopia

52.1569, 0.2977, 0.3105

Trichromacy



Original Color

52.0448, 0.3034, 0.3227

Protanomaly

52.1943, 0.3082, 0.3228

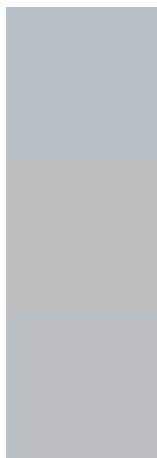
Deuteranomaly

52.0494, 0.3133, 0.3168

Tritanomaly

52.0125, 0.2999, 0.3141

Monochromacy



Original Color

52.0448, 0.3034, 0.3227

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8032, 0.3088, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0448, 0.3034, 0.3227 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(185, 192, 197)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 197)  
}
```

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(185, 192, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 197) }
```

Border

The CSS property to change the border of an element to Yxy 52.0448, 0.3034, 0.3227 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(185, 192, 197) }
```

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

```
.border{ border-color:rgb(185, 192, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 197);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0448, 0.3034, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 197) }
```

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

```
.background{ background-color: rgb(185,  
192, 197) }
```

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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