

Converting Colors

$Y_{xy}(52.7569, 0.3040, 0.3239)$

Have a look what the booklet for
Yxy(52.7569, 0.3040, 0.3239)
contains.

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Color

Yxy(52.6102, 0.3042, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1C5
RGB	186, 193, 197
RGB Percent	73%, 76%, 77%
CMY	0.2706, 0.2431, 0.2275
CMYK	0.06, 0.02, 0.00, 0.23
HSL	202°, 9%, 75%
HSV	202°, 6%, 77%
XYZ	49.3951, 52.6102, 60.3718
YIQ	191.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

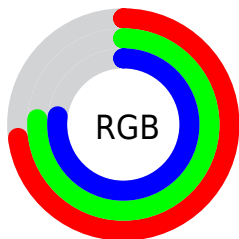
Format	Color
R _Y B	186, 190, 197
Decimal	12239301
CIE Lab	77.64, -1.65, -2.85
CIE LCh	78, 3.292, 239.997
Yxy	52.6102, 0.3042, 0.3240
Android (android.graphics.Color)	4290429381 (0xFFBAC1C5)
YUV	191.3630, 2.7790, -4.7034
Hunter-Lab	72.5329, -5.3735, 1.4237

Details

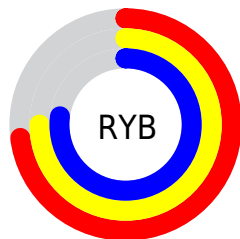
The Yxy color **52.6102, 0.3042, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2320, 0.3216, 0.3339**, and the grayscale version is **52.3080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7844, 0.3054, 0.3241**, and **25.7259, 0.3023, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **47.2325, 0.2888, 0.3143**, and if you desaturate by 10%, it is **58.4849, 0.3194, 0.3327**.

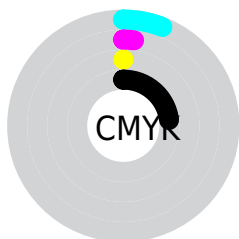
Distribution



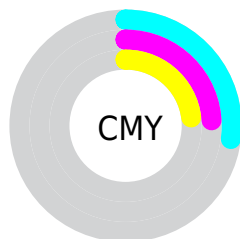
- Red (73%)
- Green (76%)
- Blue (77%)



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



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6102, 0.3042, 0.3240 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 52.6102, 0.3042, 0.3240 by changing the saturation by 10% instead.

■ 52.6102, 0.3042,
0.3240

■ 52.6102, 0.3042,
0.3240

396.7878, 0.3084,
0.3265

■ 37.4917, 0.3032,
0.3234

■ 94.0305, 0.3057,
0.3249

■ 25.5884, 0.3019,
0.3226

121.1011, 0.3063,
0.3252

■ 16.5160, 0.3002,
0.3216

152.9246, 0.3067,
0.3255

■ 9.8900, 0.2979,
0.3202

189.8852, 0.3072,
0.3258

■ 5.3261, 0.2945,
0.3182

232.3675, 0.3075,
0.3260

■ 2.4398, 0.2892,
0.3149

280.7557, 0.3078,

■ 0.8463, 0.2789,

0.3262

0.3089

335.4344, 0.3081,
0.3263

0.0000, 0.0000,
0.0000

52.6102, 0.3042,
0.3240

52.6102, 0.3042,
0.3240

47.2325, 0.2888,
0.3143

58.4849, 0.3194,
0.3327

42.3290, 0.2733,
0.3036

64.8650, 0.3341,
0.3405

37.8852, 0.2581,
0.2920

71.7671, 0.3482,
0.3474

33.8828, 0.2436,
0.2795

77.3009, 0.3542,
0.3541

30.3023, 0.2300,
0.2664

81.1636, 0.3527,
0.3612

■ 27.1222, 0.2179,
0.2527

■ 85.1887, 0.3511,
0.3681

■ 24.3187, 0.2075,
0.2388

■ 89.3780, 0.3496,
0.3749

■ 21.8642, 0.1991,
0.2248

■ 93.7335, 0.3482,
0.3815

■ 19.7254, 0.1928,
0.2112

■ 96.8111, 0.3472,
0.3860

Harmonies

Analogous

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



52.6102, 0.3048, 0.3276



52.6102, 0.3042, 0.3240



52.6102, 0.3059, 0.3218

Triad

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



52.6102, 0.3042, 0.3240



52.6102, 0.3180, 0.3265



52.6102, 0.3160, 0.3366

Complementary

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



52.6102, 0.3042, 0.3240



52.2320, 0.3216, 0.3339

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.



52.6102, 0.3196, 0.3362



52.6102, 0.3042, 0.3240



52.6102, 0.3207, 0.3304

Square

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



52.6102, 0.3042, 0.3240



52.6102, 0.3138, 0.3233



52.6102, 0.3213, 0.3340



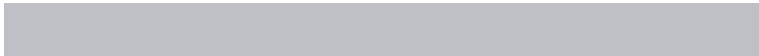
52.6102, 0.3116, 0.3349

Rectangle

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



52.6102, 0.3042, 0.3240



52.6102, 0.3081, 0.3214



52.6102, 0.3213, 0.3340



52.6102, 0.3174, 0.3367

Sweetspot

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



52.6124, 0.3042, 0.3240



97.8721, 0.3096, 0.3272



54.0796, 0.3093, 0.3379



20.9710, 0.3098, 0.3273



0.0000, 0.0000, 0.0000



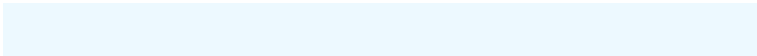
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6124, 0.3042, 0.3240



92.7127, 0.3019, 0.3226



50.2820, 0.3043, 0.3172



11.6284, 0.3012, 0.3222



12.5649, 0.1908, 0.2070



0.7290, 0.1987, 0.2353

Inverse Universe

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



50.8340, 0.3164, 0.3204



88.7257, 0.3175, 0.3180



54.5998, 0.3210, 0.3405



11.1000, 0.3178, 0.3174



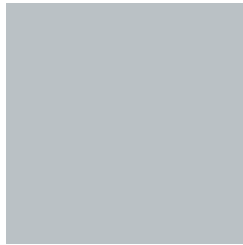
8.8084, 0.4375, 0.2184



0.4306, 0.4071, 0.2016

Previews

White Background



This preview shows how the Yxy color 52.6102, 0.3042, 0.3240 looks on a white background.

Color Contrast Check

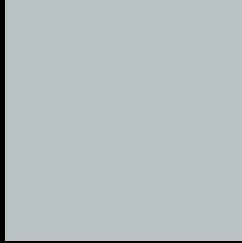
Large Text (above 18pt) WCAG AA × Fail

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 52.6102, 0.3042, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

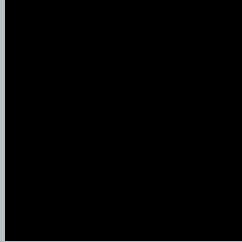
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

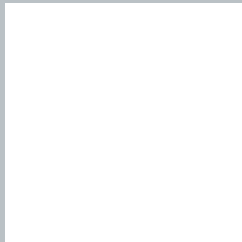
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6102, 0.3042, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 52.6102, 0.3042, 0.3240.

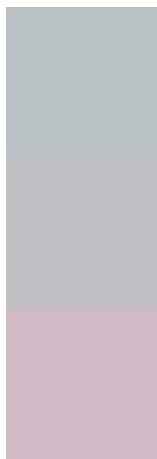


This preview shows how white text looks on a background with the Yxy color 52.6102, 0.3042, 0.3240.

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

52.6102, 0.3042, 0.3240

Protanopia

52.7165, 0.3114, 0.3229

Deuteranopia

52.4604, 0.3209, 0.3147



Tritanopia

52.4580, 0.2986, 0.3093

Trichromacy



Original Color

52.6102, 0.3042, 0.3240

Protanomaly

52.7612, 0.3089, 0.3241

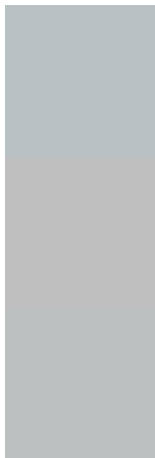
Deuteranomaly

52.6145, 0.3140, 0.3181

Tritanomaly

52.5759, 0.3007, 0.3154

Monochromacy



Original Color

52.6102, 0.3042, 0.3240

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 52.6102, 0.3042, 0.3240 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 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(186, 193, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 197) }
```

Border

The CSS property to change the border of an element to Yxy 52.6102, 0.3042, 0.3240 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, 197) }
```

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

```
.border{ border-color:rgb(186, 193, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6102, 0.3042, 0.3240 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, 197) }
```

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

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