

Converting Colors

Yxy(54.2484, 0.3050, 0.3265)

Have a look what the booklet for
Yxy(54.2484, 0.3050, 0.3265)
contains.

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Color

Yxy(54.2484, 0.3050, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BCC4C6
RGB	188, 196, 198
RGB Percent	74%, 77%, 78%
CMY	0.2627, 0.2314, 0.2235
CMYK	0.05, 0.01, 0.00, 0.22
HSL	192°, 8%, 76%
HSV	192°, 5%, 78%
XYZ	50.6761, 54.2484, 61.2268
YIQ	193.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

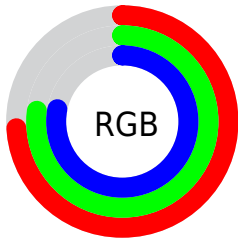
Format	Color
R _Y B	188, 192, 198
Decimal	12371142
CIE Lab	78.61, -2.35, -1.96
CIE LCh	79, 3.061, 219.919
Yxy	54.2484, 0.3050, 0.3265
Android (android.graphics.Color)	4290561222 (0xFFBCC4C6)
YUV	193.8360, 2.0529, -5.1182
Hunter-Lab	73.6535, -6.0795, 2.2708

Details

The Yxy color **54.2484, 0.3050, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4770, 0.3208, 0.3315**, and the grayscale version is **53.8399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7037, 0.3060, 0.3270**, and **26.5105, 0.3034, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **50.1352, 0.2898, 0.3212**, and if you desaturate by 10%, it is **58.7587, 0.3203, 0.3313**.

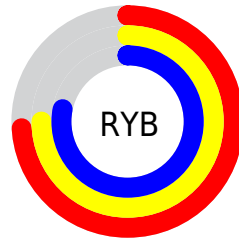
Distribution



Red (74%)

Green (77%)

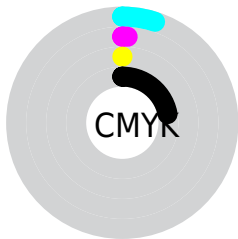
Blue (78%)



Red (74%)

Yellow (75%)

Blue (78%)

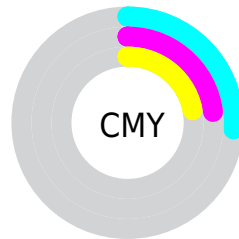


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2484, 0.3050, 0.3265 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 54.2484, 0.3050, 0.3265 by changing the saturation by 10% instead.

■ 54.2484, 0.3050,
0.3265

■ 54.2484, 0.3050,
0.3265

403.0565, 0.3088,
0.3277

■ 38.8003, 0.3041,
0.3262

■ 96.4389, 0.3063,
0.3269

■ 26.6044, 0.3029,
0.3258

123.9500, 0.3069,
0.3271

■ 17.2763, 0.3014,
0.3253

156.2510, 0.3073,
0.3273

■ 10.4317, 0.2994,
0.3246

193.7261, 0.3077,
0.3274

■ 5.6861, 0.2964,
0.3236

236.7598, 0.3080,
0.3275

■ 2.6552, 0.2918,
0.3219

285.7366, 0.3083,

■ 0.9545, 0.2834,

0.3276

0.3189

341.0407, 0.3085,
0.3277

0.0000, 0.0000,
0.0000

54.2484, 0.3050,
0.3265

54.2484, 0.3050,
0.3265

50.1352, 0.2898,
0.3212

58.7587, 0.3203,
0.3313

46.3980, 0.2751,
0.3154

63.6729, 0.3356,
0.3357

43.0238, 0.2611,
0.3091

69.0059, 0.3505,
0.3395

39.9962, 0.2482,
0.3025

72.3774, 0.3556,
0.3434

37.2973, 0.2366,
0.2955

74.3892, 0.3547,
0.3474

■ 34.9076, 0.2267,
0.2883

■ 76.4503, 0.3539,
0.3514

■ 32.8049, 0.2186,
0.2810

■ 78.5611, 0.3530,
0.3553

■ 30.9638, 0.2124,
0.2737

■ 80.7219, 0.3522,
0.3593

■ 29.3535, 0.2081,
0.2665

■ 82.9330, 0.3513,
0.3632

Harmonies

Analogous

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



54.2484, 0.3069, 0.3301



54.2484, 0.3050, 0.3265



54.2484, 0.3052, 0.3236

Triad

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



54.2484, 0.3050, 0.3265



54.2484, 0.3151, 0.3246



54.2484, 0.3181, 0.3360

Complementary

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



54.2484, 0.3050, 0.3265



52.4770, 0.3208, 0.3315

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.



54.2484, 0.3203, 0.3344



54.2484, 0.3050, 0.3265



54.2484, 0.3186, 0.3279

Square

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



54.2484, 0.3050, 0.3265



54.2484, 0.3110, 0.3225



54.2484, 0.3205, 0.3315



54.2484, 0.3144, 0.3356

Rectangle

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



54.2484, 0.3050, 0.3265



54.2484, 0.3064, 0.3224



54.2484, 0.3205, 0.3315



54.2484, 0.3190, 0.3357

Sweetspot

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



54.2507, 0.3050, 0.3265



98.3937, 0.3096, 0.3280



54.8022, 0.3107, 0.3389



21.0772, 0.3098, 0.3281



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.



54.2507, 0.3050, 0.3265



95.2677, 0.3034, 0.3260



52.0409, 0.3051, 0.3203



11.9551, 0.3027, 0.3257



18.7288, 0.2066, 0.2639



0.9814, 0.2108, 0.2789

Inverse Universe

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



51.9681, 0.3148, 0.3193



90.4273, 0.3153, 0.3172



54.6721, 0.3204, 0.3376



11.3001, 0.3155, 0.3163



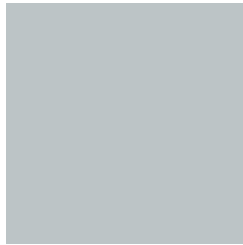
9.4307, 0.3787, 0.1860



0.4561, 0.3645, 0.1781

Previews

White Background



This preview shows how the Yxy color 54.2484, 0.3050, 0.3265 looks on a white background.

Color Contrast Check

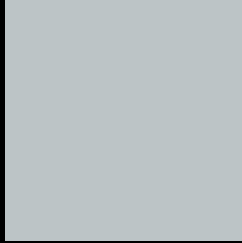
Large Text (above 18pt) WCAG AA × Fail

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 54.2484, 0.3050, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

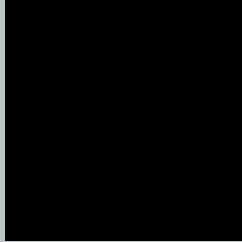
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

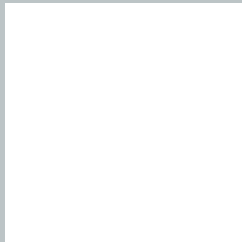
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2484, 0.3050, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 54.2484, 0.3050, 0.3265.

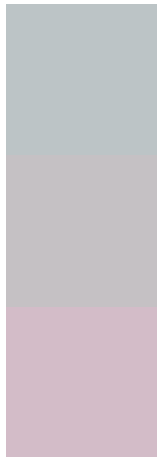


This preview shows how white text looks on a background with the Yxy color 54.2484, 0.3050, 0.3265.

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

54.2484, 0.3050, 0.3265

Protanopia

53.9958, 0.3137, 0.3254

Deuteranopia

53.9855, 0.3225, 0.3150



Tritanopia

54.1839, 0.2980, 0.3096

Trichromacy



Original Color

54.2484, 0.3050, 0.3265

Protanomaly

54.0841, 0.3105, 0.3253

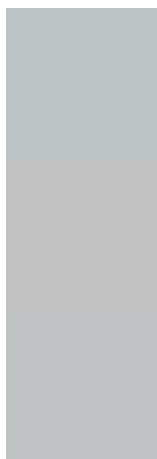
Deuteranomaly

54.0816, 0.3164, 0.3194

Tritanomaly

54.3053, 0.3001, 0.3155

Monochromacy



Original Color

54.2484, 0.3050, 0.3265

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1768, 0.3103, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2484, 0.3050, 0.3265 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(188, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(188, 196, 198)  
}
```

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(188, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 196, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.2484, 0.3050, 0.3265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

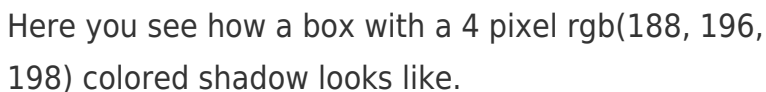
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 196, 198) }
```

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

```
.border{ border-color:rgb(188, 196, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 196, 198); box-shadow:4px 4px 4px 4px rgb(188, 196, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2484, 0.3050, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 196, 198) }
```

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

```
.background{ background-color: rgb(188,  
196, 198) }
```

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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