

Converting Colors

Yxy(54.4196, 0.3066, 0.3262)

Have a look what the booklet for
Yxy(54.4196, 0.3066, 0.3262)
contains.

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Color

Yxy(54.5042, 0.3065, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BEC4C6
RGB	190, 196, 198
RGB Percent	75%, 77%, 78%
CMY	0.2550, 0.2313, 0.2234
CMYK	0.04, 0.01, 0.00, 0.22
HSL	195°, 7%, 76%
HSV	195°, 4%, 78%
XYZ	51.1655, 54.5042, 61.2651
YIQ	194.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

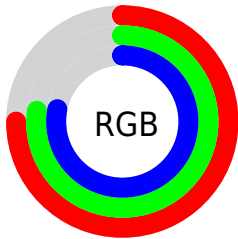
Format	Color
RYB	190, 193, 198
Decimal	12502214
CIELab	78.75, -1.69, -1.74
CIElCh	79, 2.425, 225.935
Yxy	54.5042, 0.3065, 0.3265
Android (android.graphics.Color)	4290692294 (0xFFBEC4C6)
YUV	194.4340, 1.7580, -3.8886
Hunter-Lab	73.8270, -5.4884, 2.4773

Details

The Yxy color **54.5042, 0.3065, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4216, 0.3192, 0.3315**, and the grayscale version is **54.2103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0634, 0.3072, 0.3271**, and **26.6780, 0.3055, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **49.9267, 0.2912, 0.3199**, and if you desaturate by 10%, it is **59.5068, 0.3218, 0.3325**.

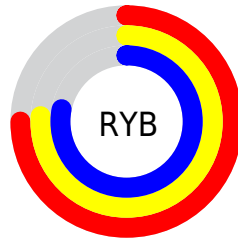
Distribution



Red (75%)

Green (77%)

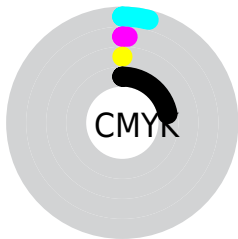
Blue (78%)



Red (75%)

Yellow (76%)

Blue (78%)

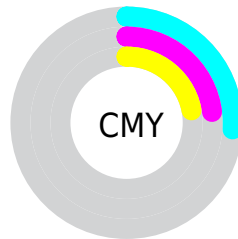


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5042, 0.3065, 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 54.5042, 0.3065, 0.3265 by changing the saturation by 10% instead.

■ 54.5042, 0.3065,
0.3265

■ 54.5042, 0.3065,
0.3265

404.0298, 0.3095,
0.3277

■ 39.0049, 0.3058,
0.3262

■ 96.8142, 0.3076,
0.3269

■ 26.7635, 0.3048,
0.3258

124.3936, 0.3080,
0.3271

■ 17.3957, 0.3036,
0.3253

156.7686, 0.3083,
0.3273

■ 10.5170, 0.3020,
0.3246

194.3234, 0.3086,
0.3274

■ 5.7431, 0.2996,
0.3236

237.4426, 0.3089,
0.3275

■ 2.6895, 0.2959,
0.3220

286.5104, 0.3091,

■ 0.9719, 0.2891,

0.3276

0.3191

341.9114, 0.3093,
0.3277

0.0000, 0.0000,
0.0000

54.5042, 0.3065,
0.3265

54.5042, 0.3065,
0.3265

49.9267, 0.2912,
0.3199

59.5068, 0.3218,
0.3325

45.7527, 0.2762,
0.3127

64.9413, 0.3368,
0.3378

41.9690, 0.2618,
0.3049

70.8231, 0.3514,
0.3425

38.5590, 0.2483,
0.2966

74.3743, 0.3547,
0.3473

35.5047, 0.2359,
0.2878

76.9523, 0.3536,
0.3523

■ 32.7861, 0.2251,
0.2787

■ 79.6078, 0.3526,
0.3572

■ 30.3813, 0.2161,
0.2694

■ 82.3412, 0.3515,
0.3621

■ 28.2646, 0.2091,
0.2601

■ 85.1533, 0.3505,
0.3669

■ 26.4056, 0.2039,
0.2508

■ 88.0448, 0.3495,
0.3716

Harmonies

Analogous

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



54.5042, 0.3077, 0.3293



54.5042, 0.3065, 0.3265



54.5042, 0.3070, 0.3244

Triad

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



54.5042, 0.3065, 0.3265



54.5042, 0.3152, 0.3260



54.5042, 0.3165, 0.3346

Complementary

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



54.5042, 0.3065, 0.3265



53.4216, 0.3192, 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.



54.5042, 0.3185, 0.3337



54.5042, 0.3065, 0.3265



54.5042, 0.3178, 0.3287

Square

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



54.5042, 0.3065, 0.3265



54.5042, 0.3120, 0.3241



54.5042, 0.3190, 0.3315



54.5042, 0.3134, 0.3340

Rectangle

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



54.5042, 0.3065, 0.3265



54.5042, 0.3082, 0.3236



54.5042, 0.3190, 0.3315



54.5042, 0.3173, 0.3344

Sweetspot

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



54.5065, 0.3065, 0.3265



99.1127, 0.3112, 0.3284



55.1495, 0.3108, 0.3365



21.2236, 0.3112, 0.3284



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.



54.5065, 0.3065, 0.3265



95.6406, 0.3050, 0.3259



52.7161, 0.3066, 0.3215



11.9889, 0.3041, 0.3255



16.6489, 0.2018, 0.2466



0.8983, 0.2072, 0.2658

Inverse Universe

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



52.8112, 0.3147, 0.3217



91.9292, 0.3152, 0.3198



55.2120, 0.3188, 0.3364



11.4728, 0.3155, 0.3188



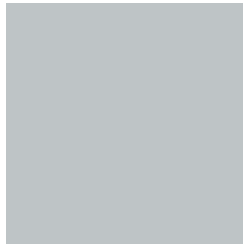
9.2207, 0.3956, 0.1953



0.4477, 0.3769, 0.1850

Previews

White Background



This preview shows how the Yxy color 54.5042, 0.3065, 0.3265 looks on a white background.

Color Contrast Check

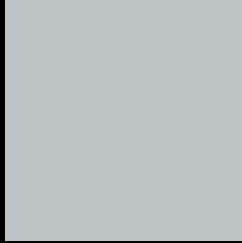
Large Text (above 18pt) WCAG AA × Fail

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 54.5042, 0.3065, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

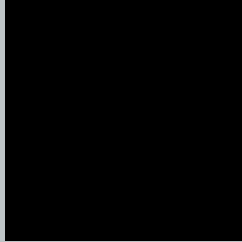
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

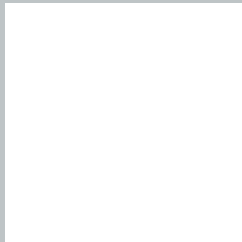
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5042, 0.3065, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 54.5042, 0.3065, 0.3265.

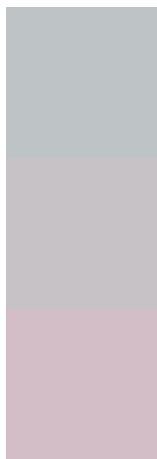


This preview shows how white text looks on a background with the Yxy color 54.5042, 0.3065, 0.3265.

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

54.5042, 0.3065, 0.3265

Protanopia

54.6206, 0.3137, 0.3254

Deuteranopia

54.3676, 0.3231, 0.3173



Tritanopia

54.4432, 0.2995, 0.3097

Trichromacy



Original Color

54.5042, 0.3065, 0.3265

Protanomaly

54.6635, 0.3112, 0.3266

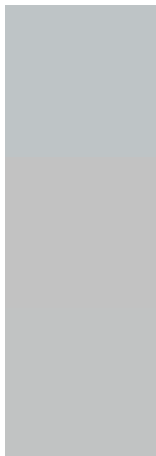
Deuteranomaly

54.5193, 0.3163, 0.3206

Tritanomaly

54.5628, 0.3016, 0.3156

Monochromacy



Original Color

54.5042, 0.3065, 0.3265

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3078, 0.3111, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5042, 0.3065, 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(190, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 196, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.5042, 0.3065, 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(190, 196, 198) }
```

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

```
.border{ border-color:rgb(190, 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(190, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(190, 196,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5042, 0.3065, 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(190, 196, 198) }
```

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

```
.background{ background-color: rgb(190,  
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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