

Converting Colors

Yxy(54.2024, 0.3087, 0.3272)

Have a look what the booklet for
Yxy(54.2024, 0.3087, 0.3272)
contains.

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Color

Yxy(54.1378, 0.3081, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BFC3C5
RGB	191, 195, 197
RGB Percent	75%, 76%, 77%
CMY	0.2508, 0.2353, 0.2274
CMYK	0.03, 0.01, 0.00, 0.23
HSL	200°, 5%, 76%
HSV	200°, 3%, 77%
XYZ	51.0868, 54.1378, 60.5879
YIQ	194.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

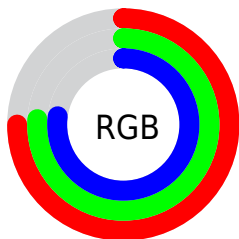
Format	Color
R_{YB}	191, 193, 197
Decimal	12567493
CIE Lab	78.54, -0.98, -1.50
CIE LCh	79, 1.790, 236.881
Yxy	54.1378, 0.3081, 0.3265
Android (android.graphics.Color)	4290757573 (0xFFBFC3C5)
YUV	194.0320, 1.4632, -2.6591
Hunter-Lab	73.5784, -4.8263, 2.6827

Details

The Yxy color **54.1378, 0.3081, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8011, 0.3174, 0.3315**, and the grayscale version is **53.9657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5507, 0.3084, 0.3271**, and **26.4362, 0.3075, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **48.8357, 0.2927, 0.3177**, and if you desaturate by 10%, it is **59.9214, 0.3232, 0.3344**.

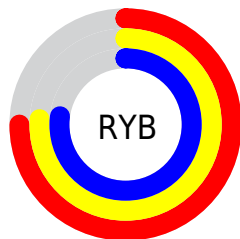
Distribution



Red (75%)

Green (76%)

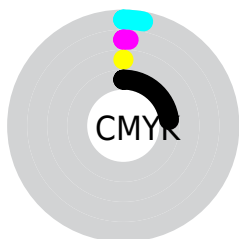
Blue (77%)



Red (75%)

Yellow (76%)

Blue (77%)

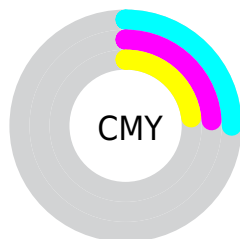


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (23%)



Cyan (25%)


Magenta (24%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1378, 0.3081, 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 54.1378, 0.3081, 0.3265 by changing the saturation by 10% instead.


 54.1378, 0.3081,
0.3265

 54.1378, 0.3081,
0.3265

402.6353, 0.3104,
0.3277

 38.7118, 0.3076,
0.3262


 96.2765, 0.3089,
0.3269

 26.5356, 0.3069,
0.3258


123.7581, 0.3092,
0.3271

 17.2248, 0.3060,
0.3253


156.0270, 0.3095,
0.3273

 10.3949, 0.3047,
0.3246

193.4676, 0.3097,
0.3274

 5.6616, 0.3029,
0.3236

236.4644, 0.3099,
0.3275

 2.6404, 0.3001,
0.3221

285.4016, 0.3101,

 0.9470, 0.2950,

0.3276

0.3192

340.6638, 0.3102,
0.3277

0.0000, 0.0000,
0.0000

54.1378, 0.3081,
0.3265

54.1378, 0.3081,
0.3265

48.8357, 0.2927,
0.3177

59.9214, 0.3232,
0.3344

43.9927, 0.2774,
0.3080

66.1940, 0.3378,
0.3415

39.5949, 0.2622,
0.2974

72.9718, 0.3519,
0.3477

35.6250, 0.2477,
0.2860

77.3434, 0.3542,
0.3542

32.0641, 0.2342,
0.2739

80.9448, 0.3527,
0.3608

■ 28.8918, 0.2220,
0.2614

■ 84.6876, 0.3513,
0.3672

■ 26.0853, 0.2115,
0.2485

■ 88.5732, 0.3499,
0.3736

■ 23.6188, 0.2029,
0.2355

■ 92.6033, 0.3485,
0.3798

■ 21.4614, 0.1964,
0.2227

■ 96.7792, 0.3472,
0.3859

Harmonies

Analogous

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



54.1378, 0.3085, 0.3285



54.1378, 0.3081, 0.3265



54.1378, 0.3089, 0.3252

Triad

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



54.1378, 0.3081, 0.3265



54.1378, 0.3154, 0.3275



54.1378, 0.3147, 0.3331

Complementary

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



54.1378, 0.3081, 0.3265



53.8011, 0.3174, 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.



54.1378, 0.3166, 0.3328



54.1378, 0.3081, 0.3265



54.1378, 0.3169, 0.3296

Square

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



54.1378, 0.3081, 0.3265



54.1378, 0.3131, 0.3258



54.1378, 0.3174, 0.3315



54.1378, 0.3124, 0.3323

Rectangle

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



54.1378, 0.3081, 0.3265



54.1378, 0.3100, 0.3249



54.1378, 0.3174, 0.3315



54.1378, 0.3154, 0.3331

Sweetspot

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



54.1401, 0.3081, 0.3265



98.9707, 0.3112, 0.3282



54.8716, 0.3109, 0.3339



21.1947, 0.3113, 0.3282



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.



54.1401, 0.3081, 0.3265



95.9357, 0.3065, 0.3256



52.8270, 0.3082, 0.3228



12.0066, 0.3056, 0.3251



13.3801, 0.1932, 0.2156



0.7636, 0.2006, 0.2420

Inverse Universe

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



53.0899, 0.3146, 0.3242



93.4437, 0.3152, 0.3225



55.1233, 0.3172, 0.3351



11.6461, 0.3156, 0.3215



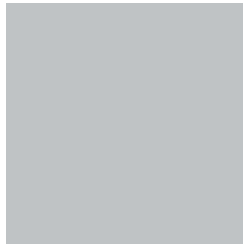
8.8907, 0.4280, 0.2132



0.4341, 0.4003, 0.1979

Previews

White Background



This preview shows how the Yxy color 54.1378, 0.3081, 0.3265 looks on a white background.

Color Contrast Check

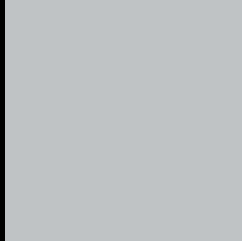
Large Text (above 18pt) WCAG AA × Fail

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 54.1378, 0.3081, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

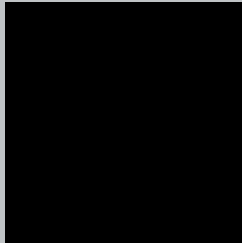
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

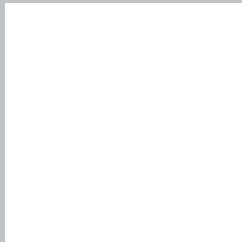
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1378, 0.3081, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 54.1378, 0.3081, 0.3265.

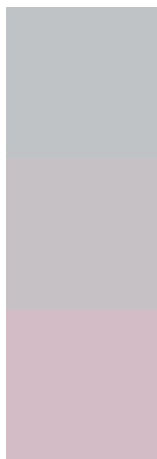


This preview shows how white text looks on a background with the Yxy color 54.1378, 0.3081, 0.3265.

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

54.1378, 0.3081, 0.3265

Protanopia

53.9958, 0.3137, 0.3254

Deuteranopia

53.8925, 0.3240, 0.3173



Tritanopia

54.0315, 0.3017, 0.3109

Trichromacy



Original Color

54.1378, 0.3081, 0.3265

Protanomaly

54.1712, 0.3120, 0.3266

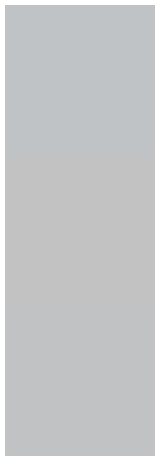
Deuteranomaly

54.1762, 0.3180, 0.3207

Tritanomaly

54.1497, 0.3038, 0.3168

Monochromacy



Original Color

54.1378, 0.3081, 0.3265

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8612, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1378, 0.3081, 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(191, 195, 197)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 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(191, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.1378, 0.3081, 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(191, 195, 197) }
```

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

```
.border{ border-color:rgb(191, 195, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 195, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1378, 0.3081, 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(191, 195, 197) }
```

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

```
.background{ background-color: rgb(191,  
195, 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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