

Converting Colors

Yxy(54.7550, 0.3071, 0.3264)

Have a look what the booklet for
Yxy(54.7550, 0.3071, 0.3264)
contains.

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Color

Yxy(54.6334, 0.3073, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BFC4C6
RGB	191, 196, 198
RGB Percent	75%, 77%, 78%
CMY	0.2510, 0.2314, 0.2234
CMYK	0.04, 0.01, 0.00, 0.22
HSL	197°, 6%, 76%
HSV	197°, 4%, 78%
XYZ	51.4207, 54.6334, 61.2764
YIQ	194.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

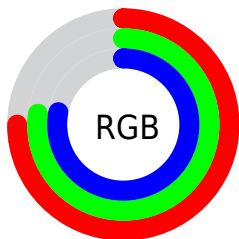
Format	Color
R_{YB}	191, 194, 198
Decimal	12567750
CIE _{Lab}	78.83, -1.33, -1.62
CIE _{LCh}	79, 2.101, 230.595
Yxy	54.6334, 0.3073, 0.3265
Android (android.graphics.Color)	4290757830 (0xFFBFC4C6)
YUV	194.7330, 1.6106, -3.2738
Hunter-Lab	73.9144, -5.1716, 2.5876

Details

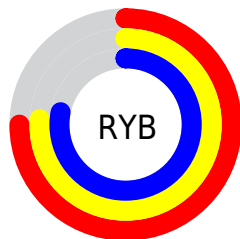
The Yxy color **54.6334, 0.3073, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9209, 0.3183, 0.3315**, and the grayscale version is **54.3998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2447, 0.3078, 0.3271**, and **26.7629, 0.3065, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **49.7154, 0.2920, 0.3190**, and if you desaturate by 10%, it is **60.0010, 0.3225, 0.3333**.

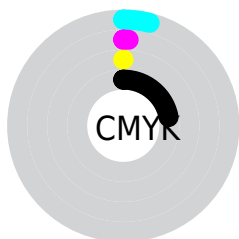
Distribution



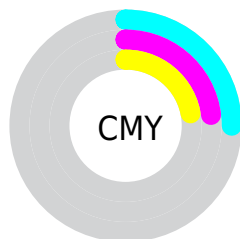
- Red (75%)
- Green (77%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6334, 0.3073, 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 54.6334, 0.3073, 0.3265 by changing the saturation by 10% instead.

■ 54.6334, 0.3073,
0.3265

■ 54.6334, 0.3073,
0.3265

404.5208, 0.3099,
0.3277

■ 39.1083, 0.3067,
0.3262

■ 97.0036, 0.3082,
0.3269

■ 26.8440, 0.3059,
0.3258

124.6175, 0.3086,
0.3271

■ 17.4561, 0.3048,
0.3253

157.0298, 0.3089,
0.3273

■ 10.5602, 0.3034,
0.3246

194.6249, 0.3092,
0.3274

■ 5.7719, 0.3013,
0.3236

237.7871, 0.3094,
0.3275

■ 2.7069, 0.2980,
0.3221

286.9009, 0.3096,

■ 0.9807, 0.2922,

0.3276

0.3192

342.3507, 0.3098,
0.3277

0.0000, 0.0000,
0.0000

54.6334, 0.3073,
0.3265

54.6334, 0.3073,
0.3265

49.7154, 0.2920,
0.3190

60.0010, 0.3225,
0.3333

45.2250, 0.2768,
0.3107

65.8253, 0.3374,
0.3394

41.1489, 0.2621,
0.3017

72.1221, 0.3518,
0.3448

37.4699, 0.2481,
0.2921

75.9044, 0.3541,
0.3503

34.1698, 0.2352,
0.2819

78.9279, 0.3528,
0.3560

■ 31.2285, 0.2238,
0.2713

■ 82.0543, 0.3516,
0.3616

■ 28.6234, 0.2142,
0.2605

■ 85.2846, 0.3504,
0.3671

■ 26.3291, 0.2065,
0.2496

■ 88.6198, 0.3493,
0.3726

■ 24.3147, 0.2007,
0.2388

■ 92.0607, 0.3481,
0.3779

Harmonies

Analogous

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



54.6334, 0.3081, 0.3289



54.6334, 0.3073, 0.3265



54.6334, 0.3079, 0.3248

Triad

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



54.6334, 0.3073, 0.3265



54.6334, 0.3153, 0.3267



54.6334, 0.3156, 0.3339

Complementary

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



54.6334, 0.3073, 0.3265



53.9209, 0.3183, 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.



54.6334, 0.3175, 0.3332



54.6334, 0.3073, 0.3265



54.6334, 0.3174, 0.3291

Square

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



54.6334, 0.3073, 0.3265



54.6334, 0.3125, 0.3249



54.6334, 0.3182, 0.3315



54.6334, 0.3129, 0.3332

Rectangle

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



54.6334, 0.3073, 0.3265



54.6334, 0.3091, 0.3243



54.6334, 0.3182, 0.3315



54.6334, 0.3164, 0.3338

Sweetspot

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



54.6357, 0.3073, 0.3265



99.0519, 0.3112, 0.3283



55.3263, 0.3109, 0.3352



21.2112, 0.3112, 0.3283



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.



54.6357, 0.3073, 0.3265



96.2566, 0.3065, 0.3261



53.0834, 0.3074, 0.3222



12.0532, 0.3056, 0.3257



15.1888, 0.1982, 0.2334



0.8389, 0.2044, 0.2557

Inverse Universe

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



53.2561, 0.3146, 0.3229



93.4761, 0.3149, 0.3220



55.4785, 0.3180, 0.3357



11.6508, 0.3153, 0.3209



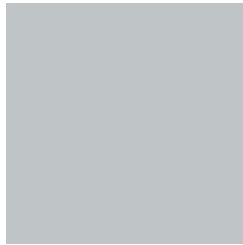
9.0733, 0.4091, 0.2027



0.4417, 0.3866, 0.1904

Previews

White Background



This preview shows how the Yxy color 54.6334, 0.3073, 0.3265 looks on a white background.

Color Contrast Check

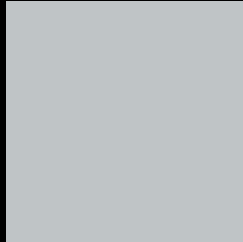
Large Text (above 18pt) WCAG AA × Fail

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 54.6334, 0.3073, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

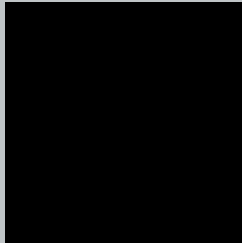
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

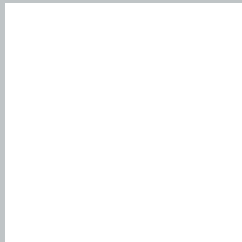
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6334, 0.3073, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 54.6334, 0.3073, 0.3265.

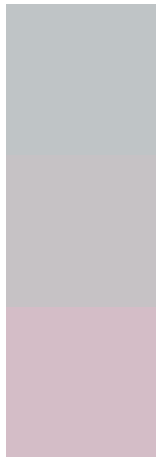


This preview shows how white text looks on a background with the Yxy color 54.6334, 0.3073, 0.3265.

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

54.6334, 0.3073, 0.3265

Protanopia

54.6206, 0.3137, 0.3254

Deuteranopia

54.5158, 0.3240, 0.3173



Tritanopia

54.5742, 0.3003, 0.3097

Trichromacy



Original Color

54.6334, 0.3073, 0.3265

Protanomaly

54.6635, 0.3112, 0.3266

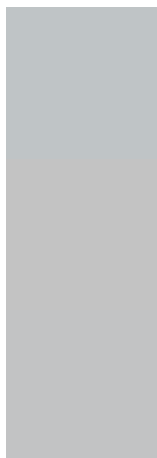
Deuteranomaly

54.6602, 0.3172, 0.3207

Tritanomaly

54.6929, 0.3024, 0.3156

Monochromacy



Original Color

54.6334, 0.3073, 0.3265

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4851, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6334, 0.3073, 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, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.6334, 0.3073, 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, 196, 198) }
```

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

```
.border{ border-color:rgb(191, 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(191, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 196, 198); box-shadow:4px 4px 4px 4px rgb(191, 196, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6334, 0.3073, 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, 196, 198) }
```

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

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