

Converting Colors

Yxy(54.4499, 0.3056, 0.3353)

Have a look what the booklet for
Yxy(54.4499, 0.3056, 0.3353)
contains.

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Color

Yxy(54.4288, 0.3054, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	B8C6C1
RGB	184, 198, 193
RGB Percent	72%, 78%, 76%
CMY	0.2784, 0.2235, 0.2430
CMYK	0.07, 0.00, 0.03, 0.22
HSL	159°, 11%, 75%
HSV	159°, 7%, 78%
XYZ	49.5900, 54.4288, 58.3583
YIQ	193.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

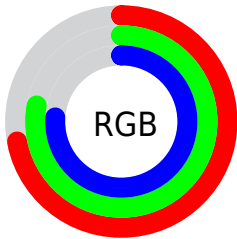
Format	Color
RYB	184, 193, 198
Decimal	12109505
CIELab	78.71, -5.72, 0.84
CIElCh	79, 5.777, 171.682
Yxy	54.4288, 0.3054, 0.3352
Android (android.graphics.Color)	4290299585 (0xFFB8C6C1)
YUV	193.2440, -0.1203, -8.1070
Hunter-Lab	73.7759, -9.1254, 4.7434

Details

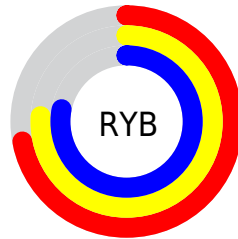
The Yxy color `54.4288, 0.3054, 0.3352` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.9629, 0.3206, 0.3229`, and the grayscale version is `53.4856, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.8848, 0.3069, 0.3349`, and `26.6653, 0.3030, 0.3357` is the 20% darker color. If you saturate the color by 10%, you get `51.8476, 0.2953, 0.3448`, and if you desaturate by 10%, it is `57.3718, 0.3158, 0.3266`.

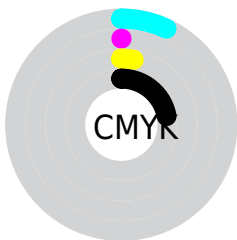
Distribution



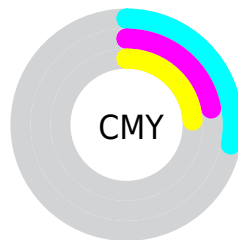
- Red (72%)
- Green (78%)
- Blue (76%)



- Red (72%)
- Yellow (76%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)





- Cyan (28%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4288, 0.3054, 0.3352 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 54.4288, 0.3054, 0.3352 by changing the saturation by 10% instead.


 54.4288, 0.3054,
0.3352

 54.4288, 0.3054,
0.3352


403.7431, 0.3090,
0.3322

 38.9446, 0.3045,
0.3359


 96.7036, 0.3067,
0.3341

 26.7166, 0.3034,
0.3369


124.2629, 0.3072,
0.3337

 17.3605, 0.3020,
0.3381


156.6160, 0.3076,
0.3334

 10.4919, 0.3000,
0.3398

194.1474, 0.3079,
0.3331

 5.7263, 0.2972,
0.3422

237.2414, 0.3082,
0.3328

 2.6794, 0.2927,
0.3461

286.2824, 0.3085,

 0.9667, 0.2840,

0.3326

0.3534

341.6548, 0.3088,
0.3324

0.0000, 0.0000,
0.0000

54.4288, 0.3054,
0.3352

54.4288, 0.3054,
0.3352

51.8476, 0.2953,
0.3448

57.3718, 0.3158,
0.3266

49.6070, 0.2858,
0.3554

60.6832, 0.3262,
0.3189

47.6940, 0.2771,
0.3668

64.3781, 0.3366,
0.3120

46.0919, 0.2696,
0.3791

66.8788, 0.3404,
0.3055

44.7829, 0.2635,
0.3921

67.2624, 0.3350,
0.2985

■ 43.7469, 0.2592,
0.4056

■ 67.6619, 0.3297,
0.2917

■ 42.9617, 0.2568,
0.4193

■ 68.0775, 0.3245,
0.2850

■ 42.4009, 0.2564,
0.4330

■ 68.5094, 0.3194,
0.2784

■ 42.0289, 0.2579,
0.4465

■ 68.8686, 0.3153,
0.2732

Harmonies

Analogous

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



54.4288, 0.3129, 0.3404



54.4288, 0.3054, 0.3352



54.4288, 0.2999, 0.3283

Triad

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



54.4288, 0.3054, 0.3352



54.4288, 0.3050, 0.3159



54.4288, 0.3278, 0.3360

Complementary

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



54.4288, 0.3054, 0.3352



49.9629, 0.3206, 0.3229

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.



54.4288, 0.3257, 0.3295



54.4288, 0.3054, 0.3352



54.4288, 0.3124, 0.3180

Square

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



54.4288, 0.3054, 0.3352



54.4288, 0.2997, 0.3173



54.4288, 0.3200, 0.3229



54.4288, 0.3259, 0.3407

Rectangle

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



54.4288, 0.3054, 0.3352



54.4288, 0.2981, 0.3238



54.4288, 0.3200, 0.3229



54.4288, 0.3276, 0.3339

Sweetspot

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



54.4311, 0.3054, 0.3352



98.9293, 0.3106, 0.3307



54.6860, 0.3160, 0.3465



21.1862, 0.3107, 0.3306



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.



54.4311, 0.3054, 0.3352



95.8758, 0.3043, 0.3362



53.8092, 0.3019, 0.3266



12.0011, 0.3030, 0.3373



27.2891, 0.2579, 0.4486



1.3056, 0.2502, 0.4206

Inverse Universe

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



49.9629, 0.3206, 0.3229



86.8498, 0.3219, 0.3219



50.5309, 0.3244, 0.3313



10.6982, 0.3235, 0.3208



8.1134, 0.5533, 0.2821



0.3980, 0.4950, 0.2501

Previews

White Background



This preview shows how the Yxy color 54.4288, 0.3054, 0.3352 looks on a white background.

Color Contrast Check

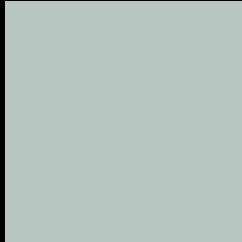
Large Text (above 18pt) WCAG AA × Fail

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 54.4288, 0.3054, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

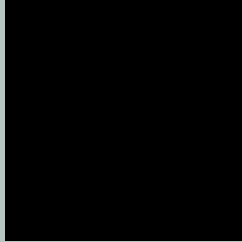
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

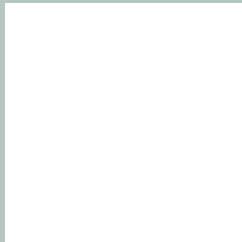
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4288, 0.3054, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 54.4288, 0.3054, 0.3352.



This preview shows how white text looks on a background with the Yxy color 54.4288, 0.3054, 0.3352.

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

54.4288, 0.3054, 0.3352

Protanopia

54.4873, 0.3190, 0.3327

Deuteranopia

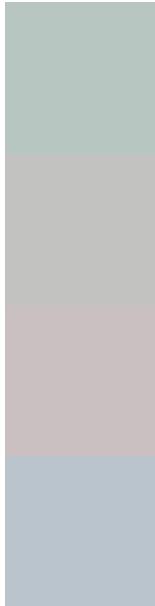
54.0527, 0.3281, 0.3208



Tritanopia

54.2982, 0.2951, 0.3095

Trichromacy



Original Color

54.4288, 0.3054, 0.3352

Protanomaly

54.3053, 0.3141, 0.3327

Deuteranomaly

54.1509, 0.3193, 0.3266

Tritanomaly

54.2786, 0.2992, 0.3191

Monochromacy



Original Color

54.4288, 0.3054, 0.3352

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8276, 0.3102, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4288, 0.3054, 0.3352 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(184, 198, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 193)  
}
```

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(184, 198, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.4288, 0.3054, 0.3352 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(184, 198, 193) }
```

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

```
.border{ border-color:rgb(184, 198, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4288, 0.3054, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 193) }
```

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

```
.background{ background-color: rgb(184,  
198, 193) }
```

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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