

Converting Colors

$Y_{xy}(54.4218, 0.2860, 0.3274)$

Have a look what the booklet for
Yxy(54.4218, 0.2860, 0.3274)
contains.

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Color

Yxy(54.1921, 0.2854, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	A6C9CB
RGB	166, 201, 203
RGB Percent	65%, 79%, 80%
CMY	0.3492, 0.2117, 0.2040
CMYK	0.18, 0.01, 0.00, 0.20
HSL	183°, 26%, 72%
HSV	183°, 18%, 80%
XYZ	47.3849, 54.1921, 64.4527
YIQ	190.7630, -21.5020, -6.7980

Conversions

Conversions Part 2

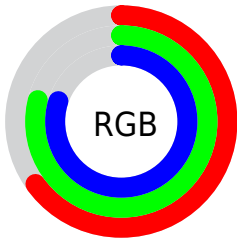
Format	Color
RYB	166, 184, 203
Decimal	10930635
CIELab	78.57, -11.18, -4.87
CIELCh	79, 12.196, 203.538
Yxy	54.1921, 0.2854, 0.3264
Android (android.graphics.Color)	4289120715 (0xFFA6C9CB)
YUV	190.7630, 6.0328, -21.7172
Hunter-Lab	73.6153, -13.9294, -0.3798

Details

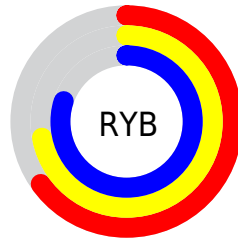
The Yxy color **54.1921, 0.2854, 0.3264** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4285, 0.3474, 0.3316**, and the grayscale version is **51.9269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **26.5481, 0.2779, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **51.6693, 0.2717, 0.3248**, and if you desaturate by 10%, it is **57.0691, 0.3001, 0.3279**.

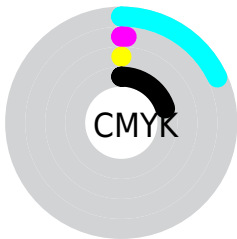
Distribution



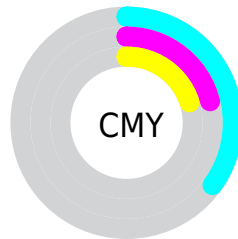
- Red (65%)
- Green (79%)
- Blue (80%)



- Red (65%)
- Yellow (72%)
- Blue (80%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (35%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1921, 0.2854, 0.3264 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 54.1921, 0.2854, 0.3264 by changing the saturation by 10% instead.


 54.1921, 0.2854,
0.3264


 54.1921, 0.2854,
0.3264


402.8421, 0.2986,
0.3278

 38.7553, 0.2822,
0.3260


 96.3562, 0.2901,
0.3269

 26.5694, 0.2782,
0.3255


 123.8523, 0.2919,
0.3271

 17.2501, 0.2730,
0.3248


156.1370, 0.2934,
0.3273

 10.4130, 0.2660,
0.3238

193.5946, 0.2948,
0.3274

 5.6736, 0.2559,
0.3222

236.6095, 0.2959,
0.3275

 2.6476, 0.2403,
0.3195

285.5661, 0.2969,

 0.9507, 0.2087,

0.3276

0.3154

340.8489, 0.2978,
0.3277

0.0000, 0.0000,
0.0000

54.1921, 0.2854,
0.3264

54.1921, 0.2854,
0.3264

51.6693, 0.2717,
0.3248

57.0691, 0.3001,
0.3279

49.4778, 0.2592,
0.3232

60.3088, 0.3155,
0.3292

47.6023, 0.2482,
0.3214

63.9275, 0.3312,
0.3305

46.0238, 0.2389,
0.3196

67.9389, 0.3470,
0.3316

44.7209, 0.2315,
0.3178

69.9157, 0.3530,
0.3326

■ 43.6697, 0.2260,
0.3160

■ 70.4394, 0.3528,
0.3337

■ 42.8419, 0.2224,
0.3143

■ 70.9667, 0.3525,
0.3349

■ 42.1947, 0.2204,
0.3125

■ 71.4975, 0.3523,
0.3360

■ 42.0878, 0.2201,
0.3122

■ 72.0319, 0.3521,
0.3371

Harmonies

Analogous

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



54.1921, 0.2963, 0.3413



54.1921, 0.2854, 0.3264



54.1921, 0.2816, 0.3127

Triad

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



54.1921, 0.2854, 0.3264



54.1921, 0.3130, 0.3066



54.1921, 0.3400, 0.3541

Complementary

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



54.1921, 0.2854, 0.3264



43.4285, 0.3474, 0.3316

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.



54.1921, 0.3448, 0.3441



54.1921, 0.2854, 0.3264



54.1921, 0.3290, 0.3170

Square

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



54.1921, 0.2854, 0.3264



54.1921, 0.2973, 0.3018



54.1921, 0.3408, 0.3306



54.1921, 0.3278, 0.3576

Rectangle

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



54.1921, 0.2854, 0.3264



54.1921, 0.2836, 0.3061



54.1921, 0.3408, 0.3306



54.1921, 0.3426, 0.3514

Sweetspot

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



54.1943, 0.2854, 0.3264



97.2291, 0.3049, 0.3283



53.6287, 0.3091, 0.3757



20.7304, 0.3038, 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.



54.1943, 0.2854, 0.3264



88.9771, 0.2797, 0.3258



46.1268, 0.2841, 0.3023



12.6207, 0.2984, 0.3277



26.8320, 0.2201, 0.3125



1.4162, 0.2211, 0.3159

Inverse Universe

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



44.1722, 0.3165, 0.2865



69.0899, 0.3174, 0.2768



50.7020, 0.3434, 0.3543



11.3930, 0.3146, 0.3074



10.5117, 0.3346, 0.1617



0.5455, 0.3317, 0.1601

Previews

White Background



This preview shows how the Yxy color 54.1921, 0.2854, 0.3264 looks on a white background.

Color Contrast Check

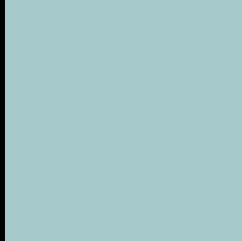
Large Text (above 18pt) WCAG AA × Fail

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 54.1921, 0.2854, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

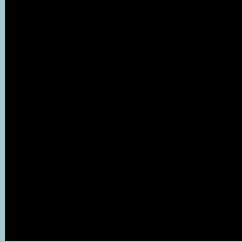
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

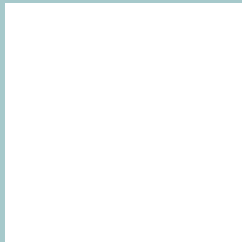
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1921, 0.2854, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 54.1921, 0.2854, 0.3264.



This preview shows how white text looks on a background with the Yxy color 54.1921, 0.2854, 0.3264.

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

54.1921, 0.2854, 0.3264

Protanopia

53.9529, 0.3114, 0.3229

Deuteranopia

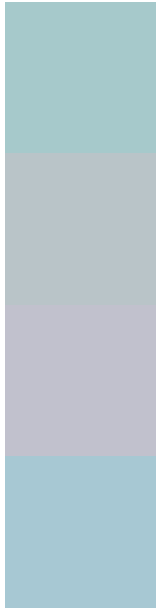
53.8326, 0.3153, 0.3079



Tritanopia

54.0780, 0.2790, 0.3089

Trichromacy



Original Color

54.1921, 0.2854, 0.3264

Protanomaly

53.9643, 0.3012, 0.3240

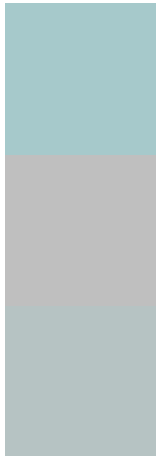
Deuteranomaly

53.8852, 0.3039, 0.3144

Tritanomaly

54.2272, 0.2809, 0.3151

Monochromacy



Original Color

54.1921, 0.2854, 0.3264

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9154, 0.3025, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1921, 0.2854, 0.3264 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(166, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(166, 201, 203)  
}
```

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(166, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 201, 203) }
```

Border

The CSS property to change the border of an element to Yxy 54.1921, 0.2854, 0.3264 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(166, 201, 203) }
```

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

```
.border{ border-color:rgb(166, 201, 203) }
```

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

Here you see how a box with a 4 pixel rgb(166, 201, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(166, 201,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1921, 0.2854, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 201, 203) }
```

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

```
.background{ background-color: rgb(166,  
201, 203) }
```

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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