

Converting Colors

Yxy(54.3664, 0.2785, 0.3139)

Have a look what the booklet for
Yxy(54.3664, 0.2785, 0.3139)
contains.

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Color

Yxy(54.5767, 0.2784, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	A5C9D5
RGB	165, 201, 213
RGB Percent	65%, 79%, 84%
CMY	0.3528, 0.2118, 0.1647
CMYK	0.23, 0.06, 0.00, 0.16
HSL	195°, 36%, 74%
HSV	195°, 23%, 84%
XYZ	48.4199, 54.5767, 70.9254
YIQ	191.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

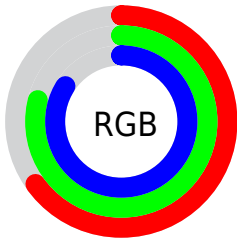
Format	Color
RYB	165, 186, 213
Decimal	10865109
CIELab	78.80, -9.28, -9.93
CIELCh	79, 13.588, 226.942
Yxy	54.5767, 0.2784, 0.3138
Android (android.graphics.Color)	4289055189 (0xFFA5C9D5)
YUV	191.6040, 10.5482, -23.3317
Hunter-Lab	73.8760, -12.2905, -5.2087

Details

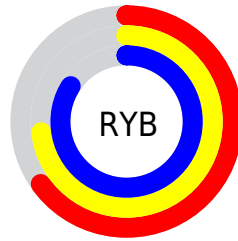
The Yxy color **54.5767, 0.2784, 0.3138** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.3245, 0.3554, 0.3437**, and the grayscale version is **52.4236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **26.7808, 0.2697, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **50.0395, 0.2638, 0.3061**, and if you desaturate by 10%, it is **59.5849, 0.2935, 0.3210**.

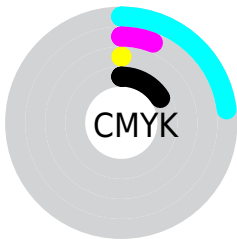
Distribution



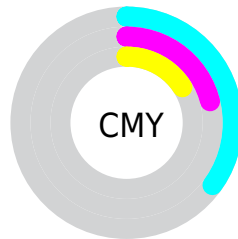
- Red (65%)
- Green (79%)
- Blue (84%)



- Red (65%)
- Yellow (73%)
- Blue (84%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5767, 0.2784, 0.3138 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 54.5767, 0.2784, 0.3138 by changing the saturation by 10% instead.

■ 54.5767, 0.2784,
0.3138

■ 54.5767, 0.2784,
0.3138

404.3053, 0.2949,
0.3214

■ 39.0629, 0.2745,
0.3119

■ 96.9205, 0.2843,
0.3166

■ 26.8087, 0.2695,
0.3095

■ 124.5193, 0.2865,
0.3176

■ 17.4296, 0.2631,
0.3063

156.9152, 0.2884,
0.3185

■ 10.5412, 0.2545,
0.3019

194.4926, 0.2901,
0.3192

■ 5.7593, 0.2422,
0.2954

237.6359, 0.2915,
0.3199

■ 2.6993, 0.2237,
0.2850

286.7296, 0.2928,

■ 0.9768, 0.1907,

0.3204

0.2665

342.1579, 0.2939,
0.3209

0.0000, 0.0000,
0.0000

54.5767, 0.2784,
0.3138

54.5767, 0.2784,
0.3138

50.0395, 0.2638,
0.3061

59.5849, 0.2935,
0.3210

45.9470, 0.2500,
0.2978

65.0758, 0.3089,
0.3275

42.2801, 0.2375,
0.2890

71.0690, 0.3242,
0.3333

39.0155, 0.2264,
0.2799

77.5806, 0.3392,
0.3386

36.1271, 0.2171,
0.2706

81.3525, 0.3419,
0.3438

■ 33.5851, 0.2098,
0.2612

■ 84.3238, 0.3410,
0.3490

■ 31.3539, 0.2044,
0.2519

■ 87.3863, 0.3402,
0.3542

■ 29.8410, 0.2014,
0.2450

■ 90.5407, 0.3393,
0.3594

■ 93.7878, 0.3385,
0.3644

Harmonies

Analogous

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



54.5767, 0.2845, 0.3298



54.5767, 0.2784, 0.3138



54.5767, 0.2812, 0.3026

Triad

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



54.5767, 0.2784, 0.3138



54.5767, 0.3271, 0.3128



54.5767, 0.3330, 0.3607

Complementary

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



54.5767, 0.2784, 0.3138



48.3245, 0.3554, 0.3437

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.



54.5767, 0.3450, 0.3550



54.5767, 0.2784, 0.3138



54.5767, 0.3417, 0.3273

Square

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



54.5767, 0.2784, 0.3138



54.5767, 0.3089, 0.3024



54.5767, 0.3483, 0.3426



54.5767, 0.3157, 0.3576

Rectangle

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



54.5767, 0.2784, 0.3138



54.5767, 0.2877, 0.2991



54.5767, 0.3483, 0.3426



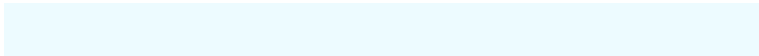
54.5767, 0.3378, 0.3597

Sweetspot

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



54.5789, 0.2784, 0.3138



93.9538, 0.3019, 0.3246



58.7635, 0.3020, 0.3755



20.0022, 0.3009, 0.3242



0.0000, 0.0000, 0.0000



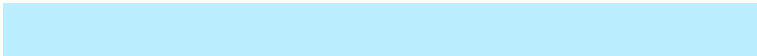
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.5789, 0.2784, 0.3138



78.6952, 0.2714, 0.3102



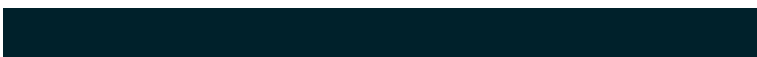
44.2658, 0.2760, 0.2824



13.5571, 0.2982, 0.3230



18.3998, 0.2018, 0.2464



1.2374, 0.2062, 0.2623

Inverse Universe

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



45.2892, 0.3256, 0.2866



62.6008, 0.3289, 0.2773



58.6383, 0.3493, 0.3716



12.5771, 0.3176, 0.3117



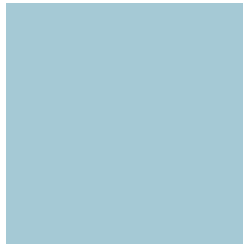
10.2023, 0.3958, 0.1954



0.6282, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 54.5767, 0.2784, 0.3138 looks on a white background.

Color Contrast Check

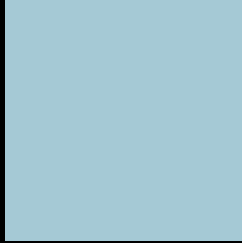
Large Text (above 18pt) WCAG AA × Fail

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 54.5767, 0.2784, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

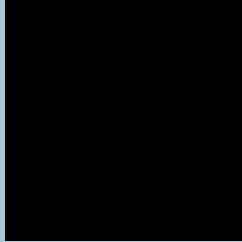
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

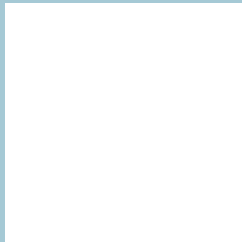
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5767, 0.2784, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 54.5767, 0.2784, 0.3138.



This preview shows how white text looks on a background with the Yxy color 54.5767, 0.2784, 0.3138.

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

54.5767, 0.2784, 0.3138

Protanopia

54.1633, 0.3025, 0.3109

Deuteranopia

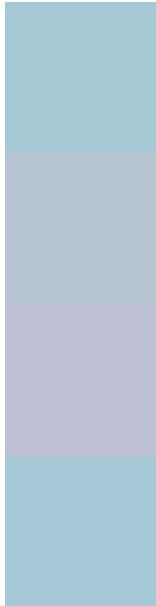
54.1389, 0.3053, 0.2986



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.5767, 0.2784, 0.3138

Protanomaly

54.2003, 0.2928, 0.3118

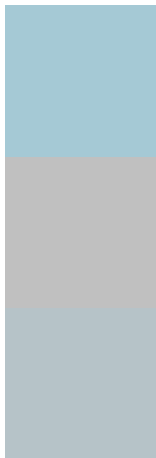
Deuteranomaly

53.9421, 0.2952, 0.3036

Tritanomaly

54.3218, 0.2777, 0.3101

Monochromacy



Original Color

54.5767, 0.2784, 0.3138

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1454, 0.2989, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5767, 0.2784, 0.3138 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(165, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(165, 201, 213)  
}
```

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(165, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 201, 213) }
```

Border

The CSS property to change the border of an element to Yxy 54.5767, 0.2784, 0.3138 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(165, 201, 213) }
```

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

```
.border{ border-color:rgb(165, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(165, 201,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5767, 0.2784, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 201, 213) }
```

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

```
.background{ background-color: rgb(165,  
201, 213) }
```

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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