

Converting Colors

Yxy(54.8618, 0.2725, 0.3082)

Have a look what the booklet for
Yxy(54.8618, 0.2725, 0.3082)
contains.

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Color

Yxy(54.8801, 0.2727, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	A1CADA
RGB	161, 202, 218
RGB Percent	63%, 79%, 85%
CMY	0.3689, 0.2078, 0.1450
CMYK	0.26, 0.07, 0.00, 0.15
HSL	197°, 44%, 74%
HSV	197°, 26%, 85%
XYZ	48.4644, 54.8801, 74.3760
YIQ	191.5650, -29.5720, -3.7160

Conversions

Conversions Part 2

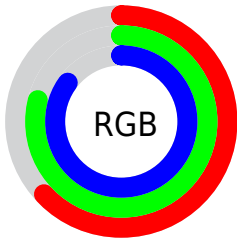
Format	Color
RYB	161, 185, 218
Decimal	10603226
CIELab	78.97, -9.91, -12.39
CIELCh	79, 15.869, 231.352
Yxy	54.8801, 0.2727, 0.3088
Android (android.graphics.Color)	4288793306 (0xFFA1CADA)
YUV	191.5650, 13.0325, -26.8055
Hunter-Lab	74.0811, -12.8660, -7.6693

Details

The Yxy color **54.8801, 0.2727, 0.3088** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8948, 0.3637, 0.3483**, and the grayscale version is **52.3758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **27.0123, 0.2627, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **50.0016, 0.2581, 0.2998**, and if you desaturate by 10%, it is **60.2713, 0.2878, 0.3171**.

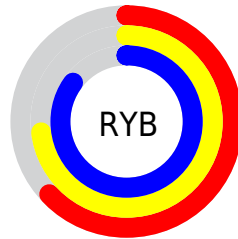
Distribution



Red (63%)

Green (79%)

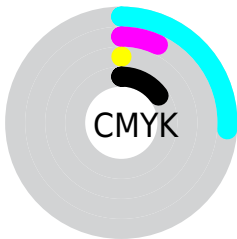
Blue (85%)



Red (63%)

Yellow (73%)

Blue (85%)

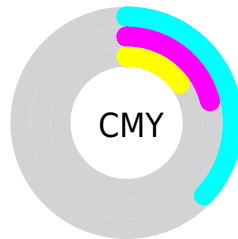


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (37%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8801, 0.2727, 0.3088 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 54.8801, 0.2727, 0.3088 by changing the saturation by 10% instead.

■ 54.8801, 0.2727,
0.3088

■ 54.8801, 0.2727,
0.3088

■ 405.4573, 0.2919,
0.3189

■ 39.3057, 0.2681,
0.3063

■ 97.3653, 0.2795,
0.3124

■ 26.9977, 0.2624,
0.3032

■ 125.0448, 0.2821,
0.3138

■ 17.5715, 0.2551,
0.2990

■ 157.5283, 0.2843,
0.3150

■ 10.6428, 0.2452,
0.2932

■ 195.2000, 0.2863,
0.3160

■ 5.8272, 0.2313,
0.2848

■ 238.4444, 0.2879,
0.3168

■ 2.7403, 0.2105,
0.2715

■ 287.6458, 0.2894,

■ 0.9977, 0.1747,

0.3176

0.2482

343.1886, 0.2907,
0.3183

0.0000, 0.0000,
0.0000

54.8801, 0.2727,
0.3088

54.8801, 0.2727,
0.3088

50.0016, 0.2581,
0.2998

60.2713, 0.2878,
0.3171

45.6075, 0.2444,
0.2902

66.1890, 0.3032,
0.3247

41.6763, 0.2320,
0.2802

72.6543, 0.3186,
0.3315

38.1818, 0.2211,
0.2698

79.6852, 0.3336,
0.3377

35.0949, 0.2121,
0.2592

84.3542, 0.3377,
0.3436

■ 32.3815, 0.2051,
0.2486

■ 87.8649, 0.3368,
0.3495

■ 29.9995, 0.2000,
0.2381

■ 91.4964, 0.3360,
0.3554

■ 29.1492, 0.1984,
0.2341

■ 95.2499, 0.3351,
0.3612

■ 97.8426, 0.3345,
0.3651

Harmonies

Analogous

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



54.8801, 0.2782, 0.3269



54.8801, 0.2727, 0.3088



54.8801, 0.2774, 0.2970

Triad

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



54.8801, 0.2727, 0.3088



54.8801, 0.3324, 0.3124



54.8801, 0.3335, 0.3662

Complementary

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



54.8801, 0.2727, 0.3088



48.8948, 0.3637, 0.3483

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.



54.8801, 0.3489, 0.3607



54.8801, 0.2727, 0.3088



54.8801, 0.3484, 0.3295

Square

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



54.8801, 0.2727, 0.3088



54.8801, 0.3114, 0.2996



54.8801, 0.3545, 0.3471



54.8801, 0.3129, 0.3611

Rectangle

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



54.8801, 0.2727, 0.3088



54.8801, 0.2858, 0.2939



54.8801, 0.3545, 0.3471



54.8801, 0.3395, 0.3655

Sweetspot

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



54.8823, 0.2727, 0.3088



92.7408, 0.3003, 0.3233



60.8604, 0.2997, 0.3831



19.5703, 0.2980, 0.3222



0.0000, 0.0000, 0.0000



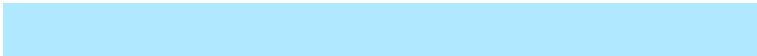
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8823, 0.2727, 0.3088



74.6360, 0.2652, 0.3043



43.0028, 0.2693, 0.2723



14.1806, 0.2982, 0.3223



17.6514, 0.1988, 0.2357



1.2863, 0.2035, 0.2527

Inverse Universe

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



44.6394, 0.3296, 0.2813



58.1656, 0.3338, 0.2717



60.9949, 0.3557, 0.3799



13.2094, 0.3180, 0.3123



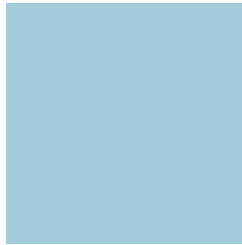
10.4057, 0.4068, 0.2014



0.6885, 0.3896, 0.1920

Previews

White Background



This preview shows how the Yxy color 54.8801, 0.2727, 0.3088 looks on a white background.

Color Contrast Check

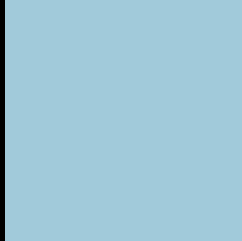
Large Text (above 18pt) WCAG AA × Fail

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 54.8801, 0.2727, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

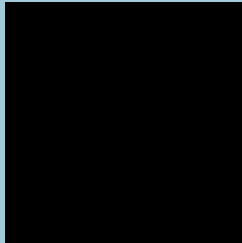
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

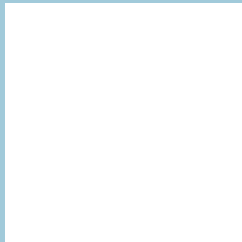
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8801, 0.2727, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 54.8801, 0.2727, 0.3088.

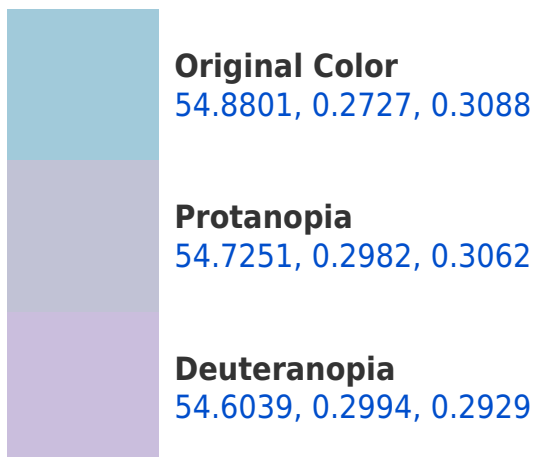


This preview shows how white text looks on a background with the Yxy color 54.8801, 0.2727, 0.3088.

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

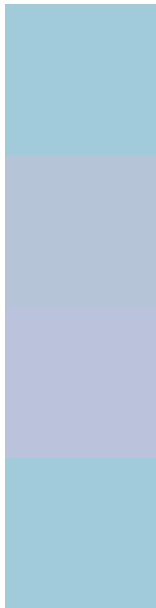




Tritanopia

54.8801, 0.2727, 0.3088

Trichromacy



Original Color

54.8801, 0.2727, 0.3088

Protanomaly

54.6626, 0.2880, 0.3069

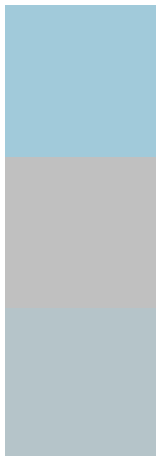
Deuteranomaly

54.3157, 0.2889, 0.2977

Tritanomaly

54.8801, 0.2727, 0.3088

Monochromacy



Original Color

54.8801, 0.2727, 0.3088

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5207, 0.2975, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8801, 0.2727, 0.3088 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(161, 202, 218)` looks like.

```
.text, #text, p{  
    color:rgb(161, 202, 218)  
}
```

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(161, 202, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 202, 218) }
```

Border

The CSS property to change the border of an element to Yxy 54.8801, 0.2727, 0.3088 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(161, 202, 218) }
```

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

```
.border{ border-color:rgb(161, 202, 218) }
```

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

Here you see how a box with a 4 pixel rgb(161, 202, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 202, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 202, 218);  
box-shadow:4px 4px 4px 4px rgb(161, 202,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8801, 0.2727, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 202, 218) }
```

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

```
.background{ background-color: rgb(161,  
202, 218) }
```

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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