

Converting Colors

$Yxy(51.6008, 0.2756, 0.3079)$

Have a look what the booklet for
Yxy(51.6008, 0.2756, 0.3079)
contains.

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Color

Yxy(51.8104, 0.2758, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	A1C4D4
RGB	161, 196, 212
RGB Percent	63%, 77%, 83%
CMY	0.3683, 0.2314, 0.1686
CMYK	0.24, 0.08, 0.00, 0.17
HSL	199°, 37%, 73%
HSV	199°, 24%, 83%
XYZ	46.3337, 51.8104, 69.8533
YIQ	187.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

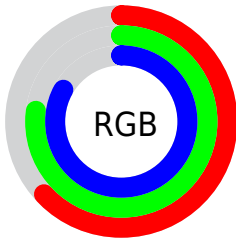
Format	Color
RYB	161, 182, 212
Decimal	10601684
CIELab	77.17, -8.07, -11.86
CIElCh	77, 14.347, 235.757
Yxy	51.8104, 0.2758, 0.3084
Android (android.graphics.Color)	4288791764 (0xFFA1C4D4)
YUV	187.3590, 12.1480, -23.1168
Hunter-Lab	71.9794, -11.0623, -7.1531

Details

The Yxy color **51.8104, 0.2758, 0.3084** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0598, 0.3580, 0.3487**, and the grayscale version is **49.8571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2223, 0.2899, 0.3269**, and **24.9685, 0.2661, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **46.8495, 0.2608, 0.2985**, and if you desaturate by 10%, it is **57.2828, 0.2911, 0.3176**.

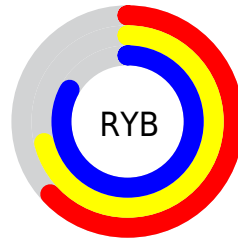
Distribution



Red (63%)

Green (77%)

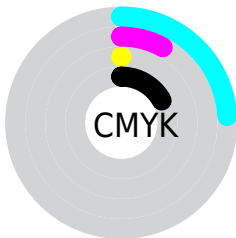
Blue (83%)



Red (63%)

Yellow (71%)

Blue (83%)

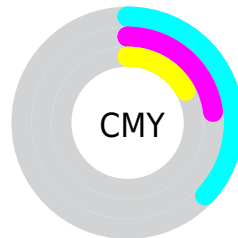


Cyan (24%)

Magenta (8%)

Yellow (0%)

Black (17%)



Cyan (37%)

Magenta (23%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8104, 0.2758, 0.3084 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 51.8104, 0.2758, 0.3084 by changing the saturation by 10% instead.

■ 51.8104, 0.2758,
0.3084

■ 51.8104, 0.2758,
0.3084

■ 393.7042, 0.2937,
0.3187

■ 36.8540, 0.2715,
0.3058

■ 92.8516, 0.2822,
0.3121

■ 25.0944, 0.2661,
0.3026

■ 119.7051, 0.2846,
0.3135

■ 16.1474, 0.2590,
0.2982

■ 151.2931, 0.2867,
0.3147

■ 9.6285, 0.2494,
0.2922

■ 188.0000, 0.2885,
0.3157

■ 5.1534, 0.2358,
0.2834

■ 230.2101, 0.2900,
0.3166

■ 2.3375, 0.2149,
0.2692

■ 278.3080, 0.2914,

■ 0.7935, 0.1718,

0.3174

0.2447

332.6779, 0.2926,
0.3181

0.0000, 0.0000,
0.0000

51.8104, 0.2758,
0.3084

51.8104, 0.2758,
0.3084

46.8495, 0.2608,
0.2985

57.2828, 0.2911,
0.3176

42.3733, 0.2466,
0.2878

63.2797, 0.3066,
0.3259

38.3616, 0.2334,
0.2765

69.8211, 0.3218,
0.3334

34.7903, 0.2217,
0.2648

76.9242, 0.3366,
0.3401

31.6320, 0.2117,
0.2528

82.2412, 0.3422,
0.3465

■ 28.8556, 0.2038,
0.2408

■ 86.0114, 0.3412,
0.3530

■ 26.4238, 0.1978,
0.2289

■ 89.9251, 0.3401,
0.3594

■ 25.0979, 0.1950,
0.2218

■ 93.9838, 0.3390,
0.3658

■ 97.5341, 0.3382,
0.3711

Harmonies

Analogous

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



51.8104, 0.2796, 0.3244



51.8104, 0.2758, 0.3084



51.8104, 0.2815, 0.2986

Triad

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



51.8104, 0.2758, 0.3084



51.8104, 0.3334, 0.3158



51.8104, 0.3294, 0.3632

Complementary

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



51.8104, 0.2758, 0.3084



48.0598, 0.3580, 0.3487

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.



51.8104, 0.3445, 0.3596



51.8104, 0.2758, 0.3084



51.8104, 0.3470, 0.3320

Square

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



51.8104, 0.2758, 0.3084



51.8104, 0.3144, 0.3032



51.8104, 0.3511, 0.3480



51.8104, 0.3101, 0.3570

Rectangle

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



51.8104, 0.2758, 0.3084



51.8104, 0.2901, 0.2965



51.8104, 0.3511, 0.3480



51.8104, 0.3351, 0.3630

Sweetspot

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



51.8125, 0.2758, 0.3084



93.2391, 0.3019, 0.3234



57.8271, 0.2997, 0.3756



19.8364, 0.3009, 0.3229



0.0000, 0.0000, 0.0000



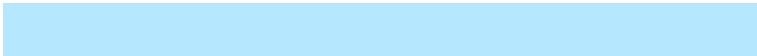
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8125, 0.2758, 0.3084



74.6123, 0.2678, 0.3032



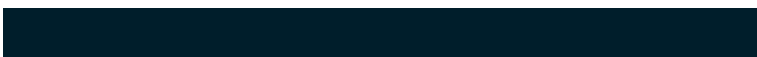
41.5645, 0.2731, 0.2754



13.4180, 0.2982, 0.3215



15.6788, 0.1954, 0.2235



1.0909, 0.2011, 0.2439

Inverse Universe

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



43.5001, 0.3295, 0.2874



60.1391, 0.3341, 0.2779



58.7340, 0.3513, 0.3774



12.5631, 0.3185, 0.3132



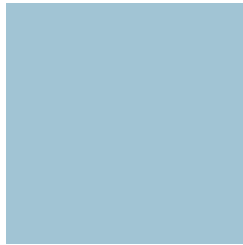
9.9276, 0.4195, 0.2084



0.6135, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 51.8104, 0.2758, 0.3084 looks on a white background.

Color Contrast Check

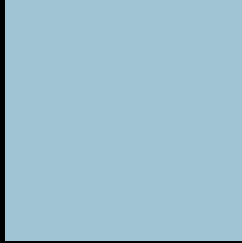
Large Text (above 18pt) WCAG AA × Fail

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 51.8104, 0.2758, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

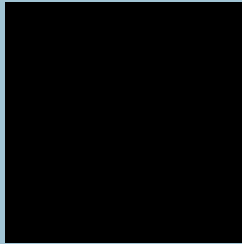
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

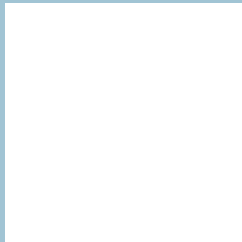
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8104, 0.2758, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 51.8104, 0.2758, 0.3084.



This preview shows how white text looks on a background with the Yxy color 51.8104, 0.2758, 0.3084.

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

51.8104, 0.2758, 0.3084

Protanopia

51.6406, 0.2978, 0.3057

Deuteranopia

51.4233, 0.3006, 0.2943



Tritanopia

51.8104, 0.2758, 0.3084

Trichromacy



Original Color

51.8104, 0.2758, 0.3084

Protanomaly

51.7677, 0.2896, 0.3077

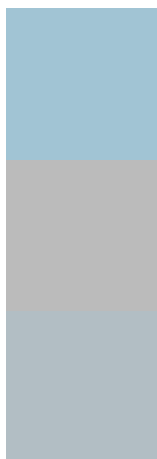
Deuteranomaly

51.3896, 0.2912, 0.2995

Tritanomaly

51.8104, 0.2758, 0.3084

Monochromacy



Original Color

51.8104, 0.2758, 0.3084

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.2774, 0.2987, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8104, 0.2758, 0.3084 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, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 212)  
}
```

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, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 212) }
```

Border

The CSS property to change the border of an element to Yxy 51.8104, 0.2758, 0.3084 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, 196, 212) }
```

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

```
.border{ border-color:rgb(161, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 196, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 196, 212); box-shadow:4px 4px 4px 4px rgb(161, 196, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8104, 0.2758, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 212) }
```

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

```
.background{ background-color: rgb(161,  
196, 212) }
```

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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