

Converting Colors

Yxy(51.5489, 0.2842, 0.3121)

Have a look what the booklet for
Yxy(51.5489, 0.2842, 0.3121)
contains.

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Color

Yxy(51.5236, 0.2844, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	A9C2CF
RGB	169, 194, 207
RGB Percent	66%, 76%, 81%
CMY	0.3375, 0.2391, 0.1883
CMYK	0.18, 0.06, 0.00, 0.19
HSL	200°, 28%, 74%
HSV	200°, 18%, 81%
XYZ	46.9056, 51.5236, 66.4991
YIQ	188.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

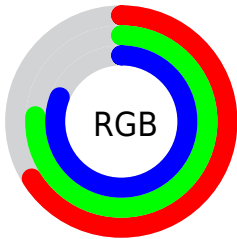
Format	Color
RYB	169, 184, 207
Decimal	11125455
CIELab	77.00, -5.72, -9.35
CIELCh	77, 10.960, 238.553
Yxy	51.5236, 0.2844, 0.3124
Android (android.graphics.Color)	4289315535 (0xFFA9C2CF)
YUV	188.0070, 9.3635, -16.6691
Hunter-Lab	71.7799, -8.9716, -4.6821

Details

The Yxy color **51.5236, 0.2844, 0.3124** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.5463, 0.3454, 0.3450**, and the grayscale version is **50.2427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5988, 0.2945, 0.3239**, and **24.7691, 0.2762, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **46.3485, 0.2691, 0.3021**, and if you desaturate by 10%, it is **57.2145, 0.2999, 0.3218**.

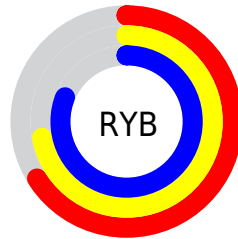
Distribution



Red (66%)

Green (76%)

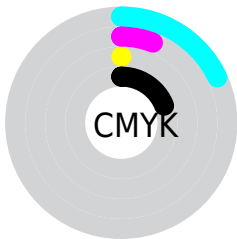
Blue (81%)



Red (66%)

Yellow (72%)

Blue (81%)

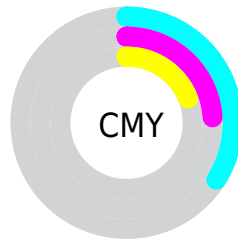


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (19%)



Cyan (34%)

Magenta (24%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5236, 0.2844, 0.3124 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 51.5236, 0.2844, 0.3124 by changing the saturation by 10% instead.

■ 51.5236, 0.2844,
0.3124

■ 51.5236, 0.2844,
0.3124

■ 392.5947, 0.2982,
0.3207

■ 36.6255, 0.2811,
0.3104

■ 92.4283, 0.2893,
0.3154

■ 24.9177, 0.2768,
0.3077

■ 119.2036, 0.2912,
0.3165

■ 16.0157, 0.2713,
0.3043

■ 150.7068, 0.2928,
0.3175

■ 9.5353, 0.2638,
0.2995

■ 187.3223, 0.2942,
0.3183

■ 5.0919, 0.2530,
0.2924

■ 229.4344, 0.2954,
0.3190

■ 2.3013, 0.2361,
0.2810

■ 277.4276, 0.2964,

■ 0.7744, 0.2007,

0.3196

0.2606

331.6862, 0.2974,
0.3202

0.0000, 0.0000,
0.0000

51.5236, 0.2844,
0.3124

51.5236, 0.2844,
0.3124

46.3485, 0.2691,
0.3021

57.2145, 0.2999,
0.3218

41.6637, 0.2542,
0.2909

63.4326, 0.3152,
0.3303

37.4510, 0.2400,
0.2790

70.1972, 0.3301,
0.3379

33.6880, 0.2271,
0.2665

77.5241, 0.3445,
0.3447

30.3504, 0.2157,
0.2536

81.9706, 0.3457,
0.3515

■ 27.4105, 0.2062,
0.2404

■ 85.9621, 0.3444,
0.3584

■ 24.8363, 0.1988,
0.2274

■ 90.1142, 0.3432,
0.3652

■ 22.5802, 0.1932,
0.2146

■ 94.4288, 0.3419,
0.3719

■ 22.2345, 0.1924,
0.2125

■ 97.2847, 0.3412,
0.3761

Harmonies

Analogous

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



51.5236, 0.2866, 0.3244



51.5236, 0.2844, 0.3124



51.5236, 0.2895, 0.3052

Triad

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



51.5236, 0.2844, 0.3124



51.5236, 0.3298, 0.3200



51.5236, 0.3242, 0.3549

Complementary

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



51.5236, 0.2844, 0.3124



49.5463, 0.3454, 0.3450

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.



51.5236, 0.3362, 0.3530



51.5236, 0.2844, 0.3124



51.5236, 0.3395, 0.3326

Square

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



51.5236, 0.2844, 0.3124



51.5236, 0.3155, 0.3098



51.5236, 0.3419, 0.3447



51.5236, 0.3094, 0.3494

Rectangle

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



51.5236, 0.2844, 0.3124



51.5236, 0.2965, 0.3039



51.5236, 0.3419, 0.3447



51.5236, 0.3287, 0.3551

Sweetspot

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



51.5257, 0.2844, 0.3124



93.9301, 0.3034, 0.3239



56.4124, 0.3018, 0.3618



19.9676, 0.3024, 0.3233



0.0000, 0.0000, 0.0000



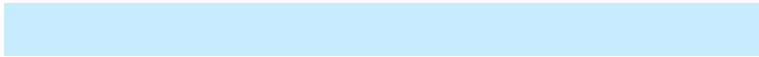
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5257, 0.2844, 0.3124



79.2679, 0.2784, 0.3085



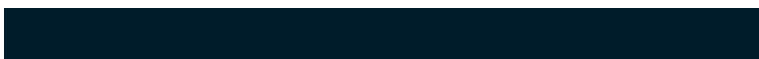
43.7025, 0.2831, 0.2877



12.7000, 0.2983, 0.3209



14.1914, 0.1929, 0.2143



0.9376, 0.1994, 0.2378

Inverse Universe

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



45.5136, 0.3258, 0.2987



68.1098, 0.3291, 0.2920



57.7373, 0.3414, 0.3672



11.9377, 0.3189, 0.3138



9.5039, 0.4294, 0.2139



0.5459, 0.4046, 0.2002

Previews

White Background



This preview shows how the Yxy color 51.5236, 0.2844, 0.3124 looks on a white background.

Color Contrast Check

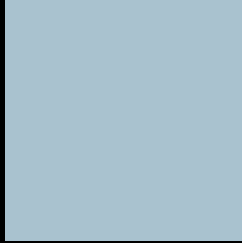
Large Text (above 18pt) WCAG AA × Fail

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 51.5236, 0.2844, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

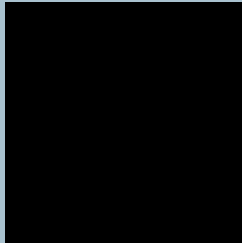
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

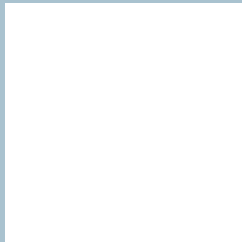
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5236, 0.2844, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 51.5236, 0.2844, 0.3124.

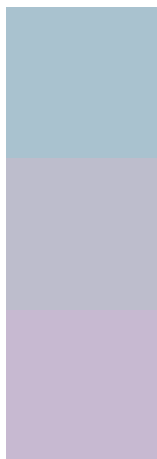


This preview shows how white text looks on a background with the Yxy color 51.5236, 0.2844, 0.3124.

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

51.5236, 0.2844, 0.3124

Protanopia

51.5736, 0.3015, 0.3105

Deuteranopia

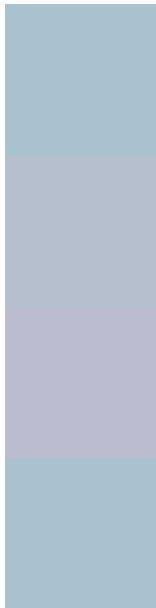
51.4435, 0.3059, 0.3002



Tritanopia

51.6220, 0.2831, 0.3099

Trichromacy



Original Color

51.5236, 0.2844, 0.3124

Protanomaly

51.6145, 0.2954, 0.3115

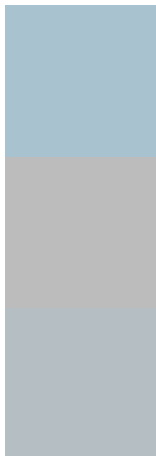
Deuteranomaly

51.2119, 0.2978, 0.3044

Tritanomaly

51.5727, 0.2838, 0.3111

Monochromacy



Original Color

51.5236, 0.2844, 0.3124

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5908, 0.3018, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5236, 0.2844, 0.3124 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(169, 194, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 194, 207)  
}
```

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(169, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 194, 207) }
```

Border

The CSS property to change the border of an element to Yxy 51.5236, 0.2844, 0.3124 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(169, 194, 207) }
```

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

```
.border{ border-color:rgb(169, 194, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(169, 194,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5236, 0.2844, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 194, 207) }
```

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

```
.background{ background-color: rgb(169,  
194, 207) }
```

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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