

Converting Colors

$Y_{xy}(52.1127, 0.2865, 0.3179)$

Have a look what the booklet for
Yxy(52.1127, 0.2865, 0.3179)
contains.

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Color

Yxy(52.2745, 0.2866, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	A9C4CC
RGB	169, 196, 204
RGB Percent	66%, 77%, 80%
CMY	0.3371, 0.2314, 0.2000
CMYK	0.17, 0.04, 0.00, 0.20
HSL	194°, 26%, 73%
HSV	194°, 17%, 80%
XYZ	47.0093, 52.2745, 64.7403
YIQ	188.8390, -18.6600, -3.2360

Conversions

Conversions Part 2

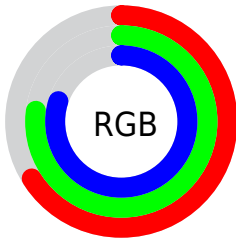
Format	Color
R _Y B	169, 184, 204
Decimal	11125964
CIE Lab	77.44, -7.36, -7.07
CIE LCh	77, 10.207, 223.814
Yxy	52.2745, 0.2866, 0.3187
Android (android.graphics.Color)	4289316044 (0xFFA9C4CC)
YUV	188.8390, 7.4744, -17.3988
Hunter-Lab	72.3011, -10.4683, -2.4791

Details

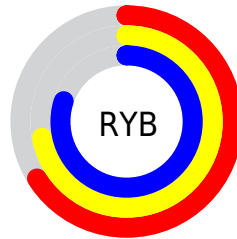
The Yxy color **52.2745, 0.2866, 0.3187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1738, 0.3436, 0.3391**, and the grayscale version is **50.7625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4781, 0.2946, 0.3269**, and **25.2610, 0.2791, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **48.1160, 0.2718, 0.3119**, and if you desaturate by 10%, it is **56.8552, 0.3018, 0.3249**.

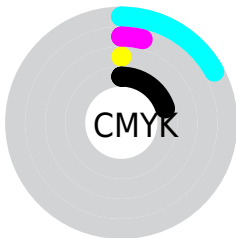
Distribution



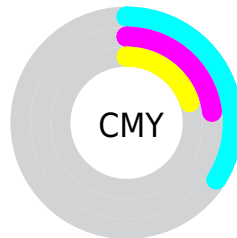
- Red (66%)
- Green (77%)
- Blue (80%)



- Red (66%)
- Yellow (72%)
- Blue (80%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (34%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2745, 0.2866, 0.3187 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 52.2745, 0.2866, 0.3187 by changing the saturation by 10% instead.

■ 52.2745, 0.2866,
0.3187

■ 52.2745, 0.2866,
0.3187

■ 395.4954, 0.2993,
0.3239

■ 37.2239, 0.2835,
0.3174

■ 93.5359, 0.2911,
0.3206

■ 25.3809, 0.2796,
0.3157

■ 120.5156, 0.2929,
0.3213

■ 16.3611, 0.2746,
0.3135

■ 152.2404, 0.2943,
0.3219

■ 9.7800, 0.2677,
0.3104

■ 189.0947, 0.2956,
0.3224

■ 5.2533, 0.2577,
0.3058

■ 231.4630, 0.2967,
0.3228

■ 2.3967, 0.2423,
0.2983

■ 279.7296, 0.2977,

■ 0.8242, 0.2092,

0.3232

0.2856

334.2790, 0.2985,
0.3236

0.0000, 0.0000,
0.0000

52.2745, 0.2866,
0.3187

52.2745, 0.2866,
0.3187

48.1160, 0.2718,
0.3119

56.8552, 0.3018,
0.3249

44.3563, 0.2578,
0.3046

61.8673, 0.3171,
0.3306

40.9794, 0.2448,
0.2969

67.3279, 0.3323,
0.3356

37.9655, 0.2332,
0.2888

73.2511, 0.3472,
0.3401

35.2929, 0.2232,
0.2805

76.4775, 0.3496,
0.3447

■ 32.9369, 0.2151,
0.2720

■ 78.9574, 0.3487,
0.3494

■ 30.8689, 0.2089,
0.2635

■ 81.5065, 0.3478,
0.3540

■ 29.0503, 0.2046,
0.2551

■ 84.1252, 0.3469,
0.3586

■ 28.5554, 0.2035,
0.2527

■ 86.8141, 0.3461,
0.3631

Harmonies

Analogous

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



52.2745, 0.2920, 0.3310



52.2745, 0.2866, 0.3187



52.2745, 0.2880, 0.3096

Triad

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



52.2745, 0.2866, 0.3187



52.2745, 0.3224, 0.3155



52.2745, 0.3294, 0.3529

Complementary

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



52.2745, 0.2866, 0.3187



47.1738, 0.3436, 0.3391

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.



52.2745, 0.3379, 0.3481



52.2745, 0.2866, 0.3187



52.2745, 0.3338, 0.3265

Square

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



52.2745, 0.2866, 0.3187



52.2745, 0.3085, 0.3080



52.2745, 0.3396, 0.3384



52.2745, 0.3165, 0.3512

Rectangle

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



52.2745, 0.2866, 0.3187



52.2745, 0.2927, 0.3064



52.2745, 0.3396, 0.3384



52.2745, 0.3329, 0.3520

Sweetspot

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



52.2767, 0.2866, 0.3187



95.8110, 0.3050, 0.3261



54.7875, 0.3053, 0.3647



20.3847, 0.3039, 0.3257



0.0000, 0.0000, 0.0000



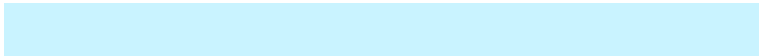
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2767, 0.2866, 0.3187



83.6368, 0.2804, 0.3160



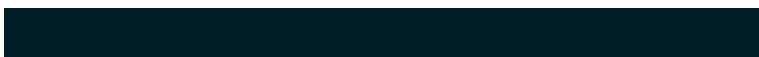
45.0226, 0.2855, 0.2963



12.2740, 0.2983, 0.3236



18.1189, 0.2039, 0.2539



1.0441, 0.2084, 0.2703

Inverse Universe

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



45.2182, 0.3214, 0.2962



69.6979, 0.3239, 0.2880



54.3327, 0.3402, 0.3597



11.3580, 0.3172, 0.3113



9.6321, 0.3883, 0.1913



0.5080, 0.3726, 0.1826

Previews

White Background



This preview shows how the Yxy color 52.2745, 0.2866, 0.3187 looks on a white background.

Color Contrast Check

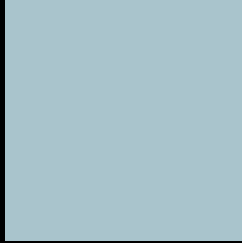
Large Text (above 18pt) WCAG AA × Fail

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 52.2745, 0.2866, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

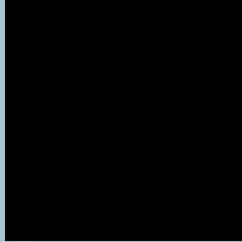
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

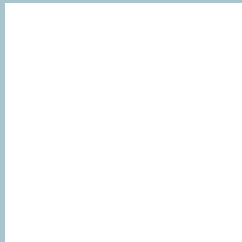
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2745, 0.2866, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 52.2745, 0.2866, 0.3187.



This preview shows how white text looks on a background with the Yxy color 52.2745, 0.2866, 0.3187.

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

52.2745, 0.2866, 0.3187

Protanopia

52.2035, 0.3068, 0.3167

Deuteranopia

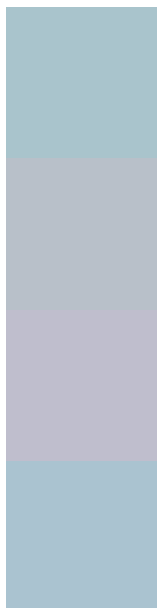
52.2706, 0.3114, 0.3052



Tritanopia

52.2294, 0.2832, 0.3100

Trichromacy



Original Color

52.2745, 0.2866, 0.3187

Protanomaly

52.1067, 0.2998, 0.3177

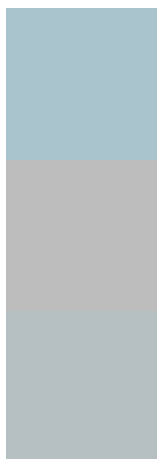
Deuteranomaly

52.3111, 0.3024, 0.3106

Tritanomaly

52.1303, 0.2846, 0.3125

Monochromacy



Original Color

52.2745, 0.2866, 0.3187

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5394, 0.3033, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2745, 0.2866, 0.3187 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, 196, 204)` looks like.

```
.text, #text, p{  
    color:rgb(169, 196, 204)  
}
```

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, 196, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 196, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.2745, 0.2866, 0.3187 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, 196, 204) }
```

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

```
.border{ border-color:rgb(169, 196, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 196, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 196, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 196, 204);  
box-shadow:4px 4px 4px 4px rgb(169, 196,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2745, 0.2866, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 196, 204) }
```

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

```
.background{ background-color: rgb(169,  
196, 204) }
```

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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