

Converting Colors

$Y_{xy}(52.6080, 0.2927, 0.3341)$

Have a look what the booklet for
Yxy(52.6080, 0.2927, 0.3341)
contains.

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Color

Yxy(52.6080, 0.2927, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	A8C6C2
RGB	168, 198, 194
RGB Percent	66%, 78%, 76%
CMY	0.3409, 0.2236, 0.2392
CMYK	0.15, 0.00, 0.02, 0.22
HSL	172°, 21%, 72%
HSV	172°, 15%, 78%
XYZ	46.0891, 52.6080, 58.7648
YIQ	188.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

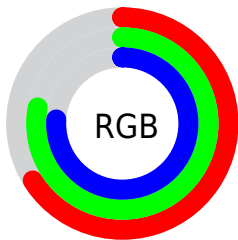
Format	Color
R _Y B	168, 184, 198
Decimal	11060930
CIE Lab	77.64, -10.82, -1.38
CIE LCh	78, 10.905, 187.281
Yxy	52.6080, 0.2927, 0.3341
Android (android.graphics.Color)	4289251010 (0xFFA8C6C2)
YUV	188.5740, 2.6750, -18.0434
Hunter-Lab	72.5314, -13.5045, 2.7353

Details

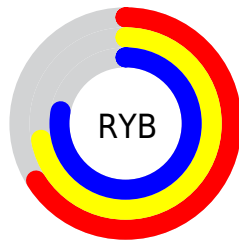
The Yxy color **52.6080, 0.2927, 0.3341** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0115, 0.3371, 0.3240**, and the grayscale version is **50.6311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1101, 0.2962, 0.3340**, and **25.5530, 0.2881, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **50.4816, 0.2804, 0.3379**, and if you desaturate by 10%, it is **55.0718, 0.3058, 0.3306**.

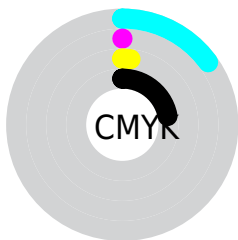
Distribution



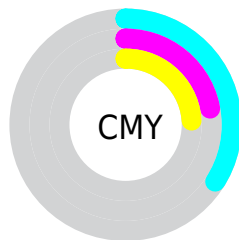
- Red (66%)
- Green (78%)
- Blue (76%)



- Red (66%)
- Yellow (72%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)





- Cyan (34%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6080, 0.2927, 0.3341 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 52.6080, 0.2927, 0.3341 by changing the saturation by 10% instead.


 52.6080, 0.2927,
0.3341

 52.6080, 0.2927,
0.3341


396.7794, 0.3025,
0.3317

 37.4899, 0.2903,
0.3347


 94.0273, 0.2962,
0.3332

 25.5870, 0.2873,
0.3354

 121.0973, 0.2975,
0.3329

 16.5150, 0.2834,
0.3364

152.9201, 0.2987,
0.3326

 9.8893, 0.2780,
0.3377

189.8800, 0.2996,
0.3324

 5.3256, 0.2701,
0.3395

232.3615, 0.3005,
0.3322

 2.4395, 0.2578,
0.3423

280.7490, 0.3012,

 0.8461, 0.2246,

0.3320

0.3518

335.4268, 0.3019,
0.3318

0.0000, 0.0000,
0.0000

52.6080, 0.2927,
0.3341

52.6080, 0.2927,
0.3341

50.4816, 0.2804,
0.3379

55.0718, 0.3058,
0.3306

48.6710, 0.2692,
0.3419

57.8804, 0.3194,
0.3275

47.1625, 0.2593,
0.3462

61.0491, 0.3333,
0.3247

45.9386, 0.2511,
0.3506

64.5905, 0.3472,
0.3222

44.9799, 0.2446,
0.3552

66.1582, 0.3513,
0.3197

■ 44.2648, 0.2401,
0.3599

■ 66.2885, 0.3493,
0.3170

■ 43.7682, 0.2374,
0.3646

■ 66.4210, 0.3472,
0.3143

■ 43.4594, 0.2366,
0.3692

■ 66.5556, 0.3451,
0.3116

■ 43.3475, 0.2365,
0.3715

■ 66.6924, 0.3430,
0.3089

Harmonies

Analogous

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



52.6080, 0.3052, 0.3464



52.6080, 0.2927, 0.3341



52.6080, 0.2855, 0.3207

Triad

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



52.6080, 0.2927, 0.3341



52.6080, 0.3050, 0.3056



52.6080, 0.3407, 0.3474

Complementary

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



52.6080, 0.2927, 0.3341



43.0115, 0.3371, 0.3240

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.



52.6080, 0.3407, 0.3363



52.6080, 0.2927, 0.3341



52.6080, 0.3198, 0.3125

Square

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



52.6080, 0.2927, 0.3341



52.6080, 0.2925, 0.3046



52.6080, 0.3330, 0.3236



52.6080, 0.3330, 0.3540

Rectangle

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



52.6080, 0.2927, 0.3341



52.6080, 0.2847, 0.3130



52.6080, 0.3330, 0.3236



52.6080, 0.3416, 0.3441

Sweetspot

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



52.6102, 0.2927, 0.3341



97.5526, 0.3059, 0.3306



51.9894, 0.3140, 0.3686



20.8094, 0.3049, 0.3309



0.0000, 0.0000, 0.0000



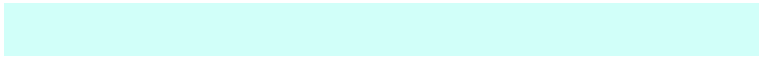
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6102, 0.2927, 0.3341



91.9222, 0.2887, 0.3353



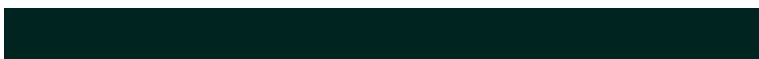
47.9551, 0.2895, 0.3146



12.0423, 0.3001, 0.3321



28.2022, 0.2363, 0.3708



1.3423, 0.2337, 0.3612

Inverse Universe

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



43.0115, 0.3371, 0.3240



71.8274, 0.3432, 0.3229



47.0873, 0.3386, 0.3430



10.6596, 0.3269, 0.3259



7.8646, 0.6212, 0.3196



0.3801, 0.5743, 0.2937

Previews

White Background



This preview shows how the Yxy color 52.6080, 0.2927, 0.3341 looks on a white background.

Color Contrast Check

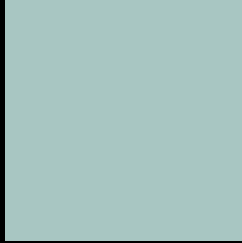
Large Text (above 18pt) WCAG AA × Fail

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 52.6080, 0.2927, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

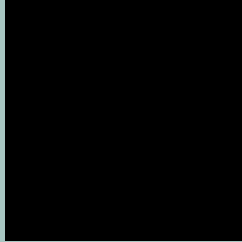
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

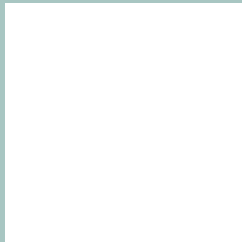
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6080, 0.2927, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 52.6080, 0.2927, 0.3341.



This preview shows how white text looks on a background with the Yxy color 52.6080, 0.2927, 0.3341.

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

52.6080, 0.2927, 0.3341

Protanopia

52.5814, 0.3167, 0.3302

Deuteranopia

52.5589, 0.3225, 0.3160



Tritanopia

52.3913, 0.2833, 0.3088

Trichromacy



Original Color

52.6080, 0.2927, 0.3341

Protanomaly

52.6594, 0.3078, 0.3328

Deuteranomaly

52.1499, 0.3106, 0.3216

Tritanomaly

52.4337, 0.2866, 0.3175

Monochromacy



Original Color

52.6080, 0.2927, 0.3341

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2846, 0.3047, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6080, 0.2927, 0.3341 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(168, 198, 194)` looks like.

```
.text, #text, p{  
    color:rgb(168, 198, 194)  
}
```

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(168, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 198, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.6080, 0.2927, 0.3341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

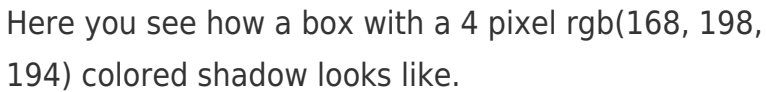
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 198, 194) }
```

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

```
.border{ border-color:rgb(168, 198, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 198, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 198, 194); box-shadow:4px 4px 4px 4px rgb(168, 198, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6080, 0.2927, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 198, 194) }
```

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

```
.background{ background-color: rgb(168,  
198, 194) }
```

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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