

Converting Colors

Yxy(51.8629, 0.2942, 0.3323)

Have a look what the booklet for
Yxy(51.8629, 0.2942, 0.3323)
contains.

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Color

Yxy(51.8762, 0.2948, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	AAC4C1
RGB	170, 196, 193
RGB Percent	67%, 77%, 76%
CMY	0.3331, 0.2314, 0.2431
CMYK	0.13, 0.00, 0.02, 0.23
HSL	173°, 18%, 72%
HSV	173°, 13%, 77%
XYZ	45.9528, 51.8762, 58.0490
YIQ	187.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

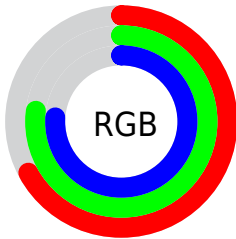
Format	Color
RYB	170, 184, 196
Decimal	11191489
CIELab	77.21, -9.32, -1.47
CIELCh	77, 9.439, 188.961
Yxy	51.8762, 0.2948, 0.3328
Android (android.graphics.Color)	4289381569 (0xFFAAC4C1)
YUV	187.8840, 2.5222, -15.6843
Hunter-Lab	72.0251, -12.1590, 2.6326

Details

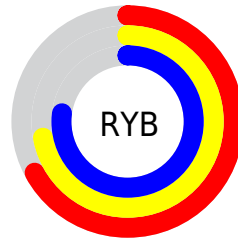
The Yxy color **51.8762, 0.2948, 0.3328** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5236, 0.3340, 0.3253**, and the grayscale version is **50.2183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0977, 0.2979, 0.3330**, and **25.0910, 0.2899, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **49.7538, 0.2821, 0.3360**, and if you desaturate by 10%, it is **54.3301, 0.3083, 0.3299**.

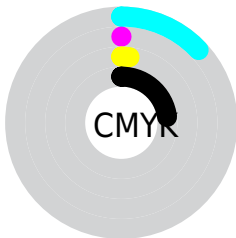
Distribution



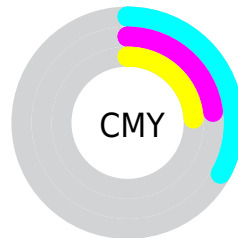
- Red (67%)
- Green (77%)
- Blue (76%)



- Red (67%)
- Yellow (72%)
- Blue (77%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)




- Cyan (33%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8762, 0.2948, 0.3328 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 51.8762, 0.2948, 0.3328 by changing the saturation by 10% instead.


 51.8762, 0.2948,
0.3328

 51.8762, 0.2948,
0.3328

393.9585, 0.3036,
0.3310

 36.9064, 0.2927,
0.3332


 92.9486, 0.2979,
0.3322

 25.1350, 0.2899,
0.3338


119.8201, 0.2991,
0.3319

 16.1777, 0.2864,
0.3345


151.4275, 0.3002,
0.3317

 9.6500, 0.2815,
0.3354

188.1553, 0.3010,
0.3315

 5.1675, 0.2744,
0.3368

230.3879, 0.3018,
0.3314

 2.3459, 0.2631,
0.3388

278.5097, 0.3025,

 0.7978, 0.2307,

0.3312

0.3469

332.9051, 0.3031,
0.3311

0.0000, 0.0000,
0.0000

51.8762, 0.2948,
0.3328

51.8762, 0.2948,
0.3328

49.7538, 0.2821,
0.3360

54.3301, 0.3083,
0.3299

47.9421, 0.2705,
0.3394

57.1225, 0.3222,
0.3272

46.4278, 0.2602,
0.3430

60.2683, 0.3364,
0.3249

45.1941, 0.2515,
0.3468

63.7795, 0.3506,
0.3228

44.2227, 0.2445,
0.3507

65.1077, 0.3541,
0.3206

■ 43.4928, 0.2395,
0.3547

■ 65.2167, 0.3523,
0.3183

■ 42.9808, 0.2363,
0.3587

■ 65.3272, 0.3505,
0.3160

■ 42.6581, 0.2350,
0.3626

■ 65.4394, 0.3487,
0.3137

■ 42.5110, 0.2348,
0.3653

■ 65.5531, 0.3469,
0.3114

Harmonies

Analogous

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



51.8762, 0.3055, 0.3436



51.8762, 0.2948, 0.3328



51.8762, 0.2889, 0.3212

Triad

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



51.8762, 0.2948, 0.3328



51.8762, 0.3067, 0.3088



51.8762, 0.3368, 0.3455

Complementary

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



51.8762, 0.2948, 0.3328



43.5236, 0.3340, 0.3253

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.



51.8762, 0.3372, 0.3360



51.8762, 0.2948, 0.3328



51.8762, 0.3196, 0.3151

Square

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



51.8762, 0.2948, 0.3328



51.8762, 0.2956, 0.3076



51.8762, 0.3309, 0.3249



51.8762, 0.3298, 0.3509

Rectangle

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



51.8762, 0.2948, 0.3328



51.8762, 0.2883, 0.3147



51.8762, 0.3309, 0.3249



51.8762, 0.3377, 0.3427

Sweetspot

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



51.8784, 0.2948, 0.3328



98.0413, 0.3071, 0.3301



51.2733, 0.3135, 0.3633



20.9085, 0.3061, 0.3303



0.0000, 0.0000, 0.0000



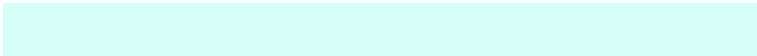
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8784, 0.2948, 0.3328



92.7681, 0.2909, 0.3337



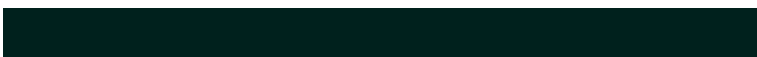
47.6758, 0.2924, 0.3160



11.4079, 0.2999, 0.3316



27.3265, 0.2347, 0.3647



1.1865, 0.2322, 0.3559

Inverse Universe

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



43.5236, 0.3340, 0.3253



74.5629, 0.3398, 0.3243



47.2804, 0.3349, 0.3417



10.0963, 0.3271, 0.3264



7.5859, 0.6244, 0.3214



0.3342, 0.5796, 0.2966

Previews

White Background



This preview shows how the Yxy color 51.8762, 0.2948, 0.3328 looks on a white background.

Color Contrast Check

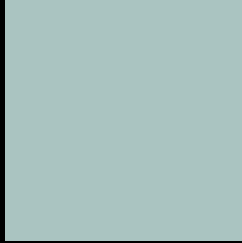
Large Text (above 18pt) WCAG AA × Fail

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 51.8762, 0.2948, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

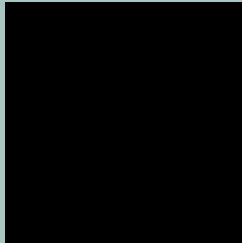
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

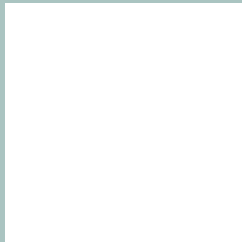
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8762, 0.2948, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 51.8762, 0.2948, 0.3328.



This preview shows how white text looks on a background with the Yxy color 51.8762, 0.2948, 0.3328.

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

51.8762, 0.2948, 0.3328

Protanopia

51.5386, 0.3168, 0.3290

Deuteranopia

51.3429, 0.3226, 0.3158



Tritanopia

52.0713, 0.2860, 0.3100

Trichromacy



Original Color

51.8762, 0.2948, 0.3328

Protanomaly

51.7313, 0.3086, 0.3315

Deuteranomaly

51.1989, 0.3122, 0.3216

Tritanomaly

52.1127, 0.2894, 0.3188

Monochromacy



Original Color

51.8762, 0.2948, 0.3328

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.8031, 0.3054, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8762, 0.2948, 0.3328 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(170, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(170, 196, 193)  
}
```

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(170, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 196, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.8762, 0.2948, 0.3328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

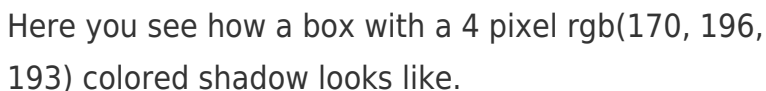
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 196, 193) }
```

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

```
.border{ border-color:rgb(170, 196, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 196, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 196, 193); box-shadow:4px 4px 4px 4px rgb(170, 196, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8762, 0.2948, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 196, 193) }
```

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

```
.background{ background-color: rgb(170,  
196, 193) }
```

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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