

Converting Colors

Yxy(51.0648, 0.2874, 0.3323)

Have a look what the booklet for
Yxy(51.0648, 0.2874, 0.3323)
contains.

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Color

Yxy(50.9520, 0.2875, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	A1C4C2
RGB	161, 196, 194
RGB Percent	63%, 77%, 76%
CMY	0.3685, 0.2314, 0.2393
CMYK	0.18, 0.00, 0.01, 0.23
HSL	177°, 23%, 70%
HSV	177°, 18%, 77%
XYZ	44.1758, 50.9520, 58.5272
YIQ	185.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

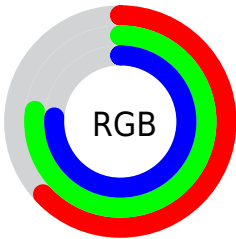
Format	Color
RYB	161, 179, 196
Decimal	10601666
CIELab	76.65, -12.05, -2.87
CIELCh	77, 12.387, 193.418
Yxy	50.9520, 0.2875, 0.3316
Android (android.graphics.Color)	4288791746 (0xFFA1C4C2)
YUV	185.3070, 4.2856, -21.3172
Hunter-Lab	71.3807, -14.4467, 1.3528

Details

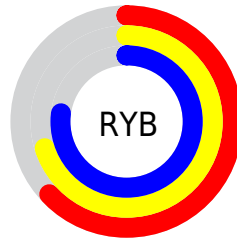
The Yxy color **50.9520, 0.2875, 0.3316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8800, 0.3449, 0.3264**, and the grayscale version is **48.6819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7516, 0.2920, 0.3320**, and **24.4907, 0.2812, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **49.0235, 0.2746, 0.3332**, and if you desaturate by 10%, it is **53.2043, 0.3013, 0.3301**.

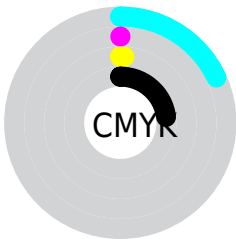
Distribution



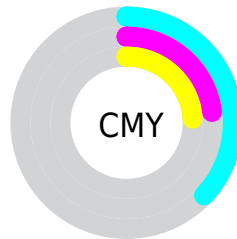
- Red (63%)
- Green (77%)
- Blue (76%)



- Red (63%)
- Yellow (70%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)





- Cyan (37%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9520, 0.2875, 0.3316 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 50.9520, 0.2875, 0.3316 by changing the saturation by 10% instead.


 50.9520, 0.2875,
0.3316


 50.9520, 0.2875,
0.3316


390.3773, 0.2999,
0.3304

 36.1704, 0.2845,
0.3319


 91.5838, 0.2919,
0.3312

 24.5658, 0.2807,
0.3322


 118.2028, 0.2936,
0.3310

 15.7539, 0.2756,
0.3326


149.5364, 0.2950,
0.3309

 9.3502, 0.2688,
0.3331

185.9690, 0.2963,
0.3308

 4.9703, 0.2588,
0.3337

227.8850, 0.2973,
0.3307

 2.2298, 0.2429,
0.3343

275.6688, 0.2983,

 0.7362, 0.1891,

0.3306

0.3432

329.7048, 0.2991,
0.3305

0.0000, 0.0000,
0.0000

50.9520, 0.2875,
0.3316

50.9520, 0.2875,
0.3316

49.0235, 0.2746,
0.3332

53.2043, 0.3013,
0.3301

47.3978, 0.2631,
0.3350

55.7879, 0.3159,
0.3287

46.0608, 0.2530,
0.3368

58.7180, 0.3309,
0.3275

44.9950, 0.2447,
0.3387

62.0070, 0.3460,
0.3264

44.1813, 0.2382,
0.3406

64.8954, 0.3578,
0.3253

■ 43.5975, 0.2337,
0.3425

■ 64.9487, 0.3569,
0.3242

■ 43.2182, 0.2310,
0.3445

■ 65.0024, 0.3559,
0.3230

■ 43.0052, 0.2298,
0.3464

■ 65.0565, 0.3550,
0.3218

■ 42.9676, 0.2297,
0.3468

■ 65.1110, 0.3541,
0.3207

Harmonies

Analogous

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



50.9520, 0.3008, 0.3465



50.9520, 0.2875, 0.3316



50.9520, 0.2809, 0.3165

Triad

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



50.9520, 0.2875, 0.3316



50.9520, 0.3072, 0.3034



50.9520, 0.3437, 0.3522

Complementary

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



50.9520, 0.2875, 0.3316



39.8800, 0.3449, 0.3264

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.



50.9520, 0.3456, 0.3401



50.9520, 0.2875, 0.3316



50.9520, 0.3243, 0.3124

Square

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



50.9520, 0.2875, 0.3316



50.9520, 0.2920, 0.3007



50.9520, 0.3385, 0.3257



50.9520, 0.3333, 0.3583

Rectangle

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



50.9520, 0.2875, 0.3316



50.9520, 0.2811, 0.3084



50.9520, 0.3385, 0.3257



50.9520, 0.3454, 0.3486

Sweetspot

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



50.9541, 0.2875, 0.3316



97.6139, 0.3053, 0.3297



49.8790, 0.3123, 0.3767



20.8243, 0.3043, 0.3298



0.0000, 0.0000, 0.0000



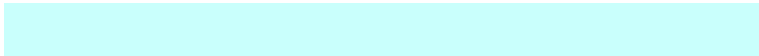
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9541, 0.2875, 0.3316



91.0212, 0.2829, 0.3322



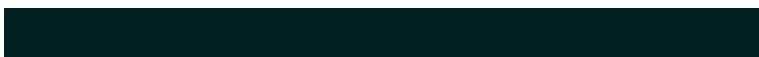
44.5496, 0.2851, 0.3086



11.4180, 0.2992, 0.3303



27.6123, 0.2296, 0.3465



1.1962, 0.2284, 0.3422

Inverse Universe

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



39.8800, 0.3449, 0.3264



67.6300, 0.3528, 0.3259



45.4316, 0.3434, 0.3486



10.0872, 0.3280, 0.3277



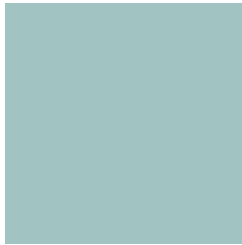
7.5612, 0.6329, 0.3260



0.3300, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 50.9520, 0.2875, 0.3316 looks on a white background.

Color Contrast Check

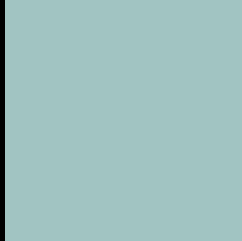
Large Text (above 18pt) WCAG AA × Fail

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 50.9520, 0.2875, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

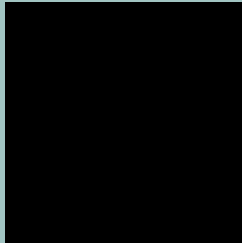
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

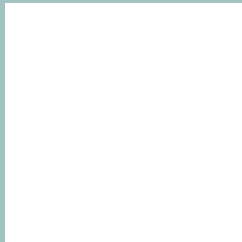
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9520, 0.2875, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 50.9520, 0.2875, 0.3316.



This preview shows how white text looks on a background with the Yxy color 50.9520, 0.2875, 0.3316.

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

50.9520, 0.2875, 0.3316

Protanopia

50.8470, 0.3153, 0.3278

Deuteranopia

50.5947, 0.3186, 0.3121



Tritanopia

51.0795, 0.2796, 0.3097

Trichromacy



Original Color

50.9520, 0.2875, 0.3316

Protanomaly

50.8469, 0.3047, 0.3290

Deuteranomaly

50.6433, 0.3067, 0.3190

Tritanomaly

51.1764, 0.2822, 0.3173

Monochromacy



Original Color

50.9520, 0.2875, 0.3316

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2561, 0.3029, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9520, 0.2875, 0.3316 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 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(161, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 194) }
```

Border

The CSS property to change the border of an element to Yxy 50.9520, 0.2875, 0.3316 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, 194) }
```

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

```
.border{ border-color:rgb(161, 196, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 196,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9520, 0.2875, 0.3316 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, 194) }
```

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

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