

Converting Colors

$Y_{xy}(50.6328, 0.2903, 0.3276)$

Have a look what the booklet for
Yxy(50.6328, 0.2903, 0.3276)
contains.

Yxy(50.6307, 0.2903, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.6307, 0.2903, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A6C2C3
RGB	166, 194, 195
RGB Percent	65%, 76%, 76%
CMY	0.3491, 0.2392, 0.2352
CMYK	0.15, 0.01, 0.00, 0.24
HSL	182°, 20%, 71%
HSV	182°, 15%, 76%
XYZ	44.8660, 50.6307, 59.0537
YIQ	185.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

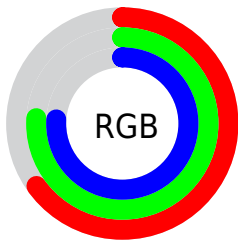
Format	Color
R_{YB}	166, 180, 195
Decimal	10928835
CIE _{Lab}	76.45, -9.20, -3.70
CIE _{LCh}	76, 9.916, 201.890
Yxy	50.6307, 0.2903, 0.3276
Android (android.graphics.Color)	4289118915 (0xFFA6C2C3)
YUV	185.7420, 4.5642, -17.3137
Hunter-Lab	71.1553, -11.9710, 0.6023

Details

The Yxy color **50.6307, 0.2903, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9929, 0.3400, 0.3304**, and the grayscale version is **48.9314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3948, 0.2938, 0.3279**, and **24.2567, 0.2849, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **48.3789, 0.2763, 0.3266**, and if you desaturate by 10%, it is **53.2077, 0.3052, 0.3286**.

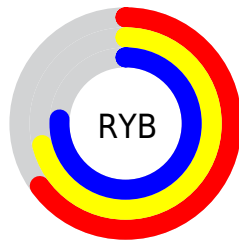
Distribution



Red (65%)

Green (76%)

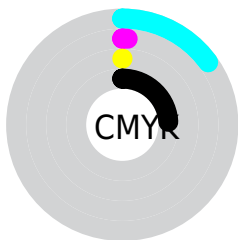
Blue (76%)



Red (65%)

Yellow (71%)

Blue (76%)

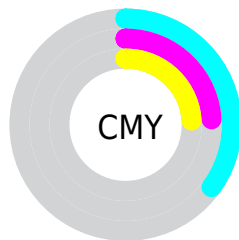


Cyan (15%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6307, 0.2903, 0.3276 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 50.6307, 0.2903, 0.3276 by changing the saturation by 10% instead.

■ 50.6307, 0.2903,
0.3276

■ 50.6307, 0.2903,
0.3276

■ 389.1273, 0.3013,
0.3284

■ 35.9148, 0.2876,
0.3274

■ 91.1087, 0.2942,
0.3279

■ 24.3684, 0.2842,
0.3271

■ 117.6395, 0.2957,
0.3280

■ 15.6071, 0.2797,
0.3267

■ 148.8774, 0.2970,
0.3281

■ 9.2466, 0.2736,
0.3261

■ 185.2068, 0.2981,
0.3282

■ 4.9024, 0.2646,
0.3250

■ 227.0121, 0.2991,
0.3282

■ 2.1901, 0.2505,
0.3232

■ 274.6777, 0.2999,

■ 0.7146, 0.2059,

0.3283

0.3237

328.5879, 0.3006,
0.3283

0.0000, 0.0000,
0.0000

50.6307, 0.2903,
0.3276

50.6307, 0.2903,
0.3276

48.3789, 0.2763,
0.3266

53.2077, 0.3052,
0.3286

46.4316, 0.2635,
0.3255

56.1171, 0.3207,
0.3294

44.7755, 0.2522,
0.3244

59.3736, 0.3365,
0.3302

43.3938, 0.2425,
0.3232

62.9893, 0.3524,
0.3310

42.2680, 0.2347,
0.3220

65.3300, 0.3612,
0.3316

■ 41.3773, 0.2288,
0.3208

■ 65.6425, 0.3611,
0.3323

■ 40.6977, 0.2248,
0.3197

■ 65.9564, 0.3609,
0.3330

■ 40.1997, 0.2225,
0.3185

■ 66.2717, 0.3607,
0.3338

■ 39.9859, 0.2217,
0.3180

■ 66.5885, 0.3606,
0.3345

Harmonies

Analogous

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



50.6307, 0.2997, 0.3399



50.6307, 0.2903, 0.3276



50.6307, 0.2868, 0.3161

Triad

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



50.6307, 0.2903, 0.3276



50.6307, 0.3122, 0.3099



50.6307, 0.3358, 0.3496

Complementary

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



50.6307, 0.2903, 0.3276



41.9929, 0.3400, 0.3304

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.



50.6307, 0.3394, 0.3411



50.6307, 0.2903, 0.3276



50.6307, 0.3256, 0.3185

Square

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



50.6307, 0.2903, 0.3276



50.6307, 0.2992, 0.3062



50.6307, 0.3356, 0.3297



50.6307, 0.3260, 0.3527

Rectangle

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



50.6307, 0.2903, 0.3276



50.6307, 0.2882, 0.3103



50.6307, 0.3356, 0.3297



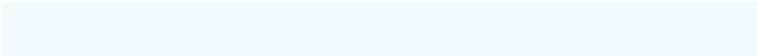
50.6307, 0.3378, 0.3473

Sweetspot

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



50.6328, 0.2903, 0.3276



95.6773, 0.3065, 0.3286



49.9348, 0.3102, 0.3669



20.8696, 0.3053, 0.3286



0.0000, 0.0000, 0.0000



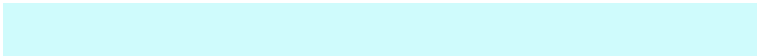
21.4041, 0.3127, 0.3290

Same Dimension

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



50.6328, 0.2903, 0.3276



89.2273, 0.2855, 0.3273



44.4995, 0.2896, 0.3083



11.3658, 0.2984, 0.3281



26.0073, 0.2217, 0.3181



1.1429, 0.2224, 0.3207

Inverse Universe

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



42.7640, 0.3153, 0.2939



72.3655, 0.3159, 0.2857



47.5969, 0.3373, 0.3489



10.2412, 0.3143, 0.3071



9.9077, 0.3298, 0.1590



0.4300, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 50.6307, 0.2903, 0.3276 looks on a white background.

Color Contrast Check

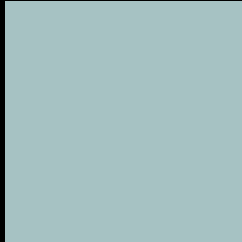
Large Text (above 18pt) WCAG AA × Fail

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 50.6307, 0.2903, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

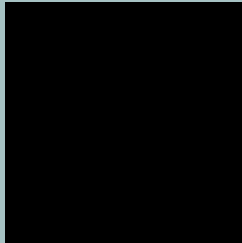
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

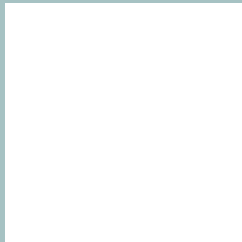
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6307, 0.2903, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 50.6307, 0.2903, 0.3276.

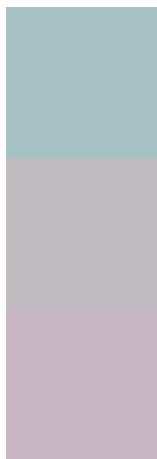


This preview shows how white text looks on a background with the Yxy color 50.6307, 0.2903, 0.3276.

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

50.6307, 0.2903, 0.3276

Protanopia

50.3786, 0.3130, 0.3240

Deuteranopia

50.4547, 0.3177, 0.3121



Tritanopia

50.5291, 0.2836, 0.3097

Trichromacy



Original Color

50.6307, 0.2903, 0.3276

Protanomaly

50.5778, 0.3048, 0.3264

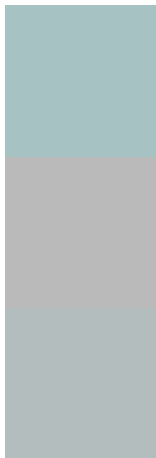
Deuteranomaly

50.3450, 0.3075, 0.3178

Tritanomaly

50.6672, 0.2856, 0.3160

Monochromacy



Original Color

50.6307, 0.2903, 0.3276

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6530, 0.3046, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6307, 0.2903, 0.3276 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(166, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(166, 194, 195)  
}
```

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(166, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 194, 195) }
```

Border

The CSS property to change the border of an element to Yxy 50.6307, 0.2903, 0.3276 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(166, 194, 195) }
```

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

```
.border{ border-color:rgb(166, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 194, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 194, 195); box-shadow:4px 4px 4px 4px rgb(166, 194, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6307, 0.2903, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 194, 195) }
```

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

```
.background{ background-color: rgb(166,  
194, 195) }
```

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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