

Converting Colors

$Yxy(51.0724, 0.2936, 0.3284)$

Have a look what the booklet for
Yxy(51.0724, 0.2936, 0.3284)
contains.

Yxy(51.0698, 0.2933, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.0698, 0.2933, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	AAC2C3
RGB	170, 194, 195
RGB Percent	67%, 76%, 76%
CMY	0.3333, 0.2392, 0.2352
CMYK	0.13, 0.01, 0.00, 0.24
HSL	182°, 17%, 72%
HSV	182°, 13%, 76%
XYZ	45.7227, 51.0698, 59.0982
YIQ	186.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

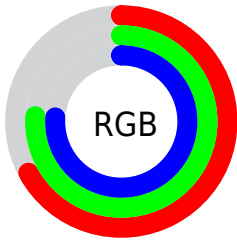
Format	Color
RYB	170, 182, 195
Decimal	11190979
CIELab	76.72, -7.89, -3.28
CIElCh	77, 8.542, 202.571
Yxy	51.0698, 0.2933, 0.3276
Android (android.graphics.Color)	4289381059 (0xFFAAC2C3)
YUV	186.9380, 3.9746, -14.8546
Hunter-Lab	71.4631, -10.8546, 0.9929

Details

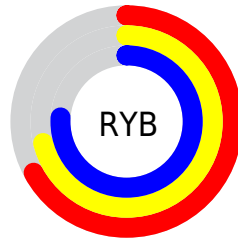
The Yxy color **51.0698, 0.2933, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6489, 0.3356, 0.3304**, and the grayscale version is **49.6428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4070, 0.2962, 0.3269**, and **24.5308, 0.2888, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **48.6990, 0.2791, 0.3264**, and if you desaturate by 10%, it is **53.7693, 0.3083, 0.3287**.

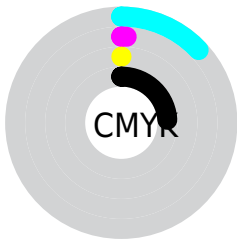
Distribution



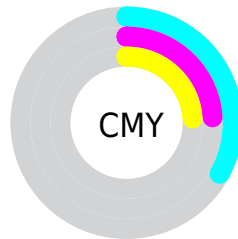
- Red (67%)
- Green (76%)
- Blue (76%)



- Red (67%)
- Yellow (71%)
- Blue (76%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0698, 0.2933, 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 51.0698, 0.2933, 0.3276 by changing the saturation by 10% instead.


 51.0698, 0.2933,
0.3276

 51.0698, 0.2933,
0.3276


390.8349, 0.3028,
0.3284

 36.2642, 0.2910,
0.3274


 91.7579, 0.2967,
0.3279

 24.6383, 0.2880,
0.3271


118.4092, 0.2980,
0.3280

 15.8078, 0.2842,
0.3267

149.7779, 0.2991,
0.3281

 9.3882, 0.2788,
0.3262

186.2482, 0.3001,
0.3282

 4.9953, 0.2711,
0.3253

228.2047, 0.3009,
0.3282

 2.2445, 0.2588,
0.3237

276.0317, 0.3016,

 0.7441, 0.2238,

0.3283

0.3235

330.1137, 0.3022,
0.3283

0.0000, 0.0000,
0.0000

51.0698, 0.2933,
0.3276

51.0698, 0.2933,
0.3276

48.6990, 0.2791,
0.3264

53.7693, 0.3083,
0.3287

46.6363, 0.2660,
0.3252

56.8044, 0.3239,
0.3297

44.8686, 0.2543,
0.3238

60.1897, 0.3397,
0.3306

43.3796, 0.2442,
0.3225

63.9371, 0.3556,
0.3314

42.1509, 0.2359,
0.3211

65.6057, 0.3611,
0.3322

■ 41.1625, 0.2295,
0.3197

■ 65.9756, 0.3609,
0.3331

■ 40.3909, 0.2250,
0.3183

■ 66.3474, 0.3607,
0.3339

■ 39.8082, 0.2223,
0.3170

■ 66.7212, 0.3605,
0.3347

■ 39.4695, 0.2211,
0.3160

■ 67.0970, 0.3603,
0.3356

Harmonies

Analogous

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



51.0698, 0.3013, 0.3381



51.0698, 0.2933, 0.3276



51.0698, 0.2904, 0.3177

Triad

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



51.0698, 0.2933, 0.3276



51.0698, 0.3126, 0.3127



51.0698, 0.3324, 0.3468

Complementary

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



51.0698, 0.2933, 0.3276



43.6489, 0.3356, 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.



51.0698, 0.3356, 0.3397



51.0698, 0.2933, 0.3276



51.0698, 0.3240, 0.3201

Square

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



51.0698, 0.2933, 0.3276



51.0698, 0.3014, 0.3094



51.0698, 0.3325, 0.3299



51.0698, 0.3239, 0.3493

Rectangle

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



51.0698, 0.2933, 0.3276



51.0698, 0.2917, 0.3129



51.0698, 0.3325, 0.3299



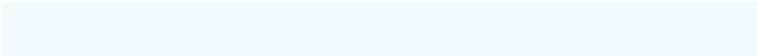
51.0698, 0.3341, 0.3449

Sweetspot

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



51.0719, 0.2933, 0.3276



95.6376, 0.3065, 0.3286



50.5267, 0.3105, 0.3612



20.8592, 0.3053, 0.3285



0.0000, 0.0000, 0.0000



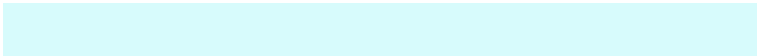
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0719, 0.2933, 0.3276



90.3625, 0.2898, 0.3273



45.8146, 0.2929, 0.3114



11.3547, 0.2984, 0.3280



25.6738, 0.2212, 0.3162



1.1318, 0.2220, 0.3192

Inverse Universe

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



44.2519, 0.3150, 0.2990



76.1258, 0.3155, 0.2933



48.5222, 0.3336, 0.3460



10.2401, 0.3144, 0.3072



9.8740, 0.3314, 0.1599



0.4289, 0.3289, 0.1585

Previews

White Background



This preview shows how the Yxy color 51.0698, 0.2933, 0.3276 looks on a white background.

Color Contrast Check

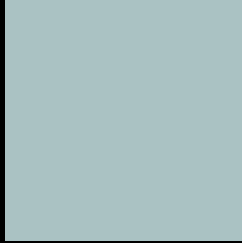
Large Text (above 18pt) WCAG AA × Fail

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 51.0698, 0.2933, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

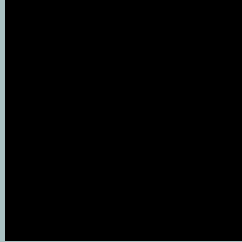
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

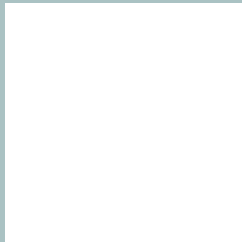
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0698, 0.2933, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 51.0698, 0.2933, 0.3276.

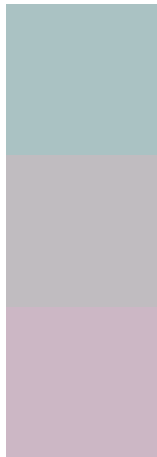


This preview shows how white text looks on a background with the Yxy color 51.0698, 0.2933, 0.3276.

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

51.0698, 0.2933, 0.3276

Protanopia

50.9787, 0.3129, 0.3240

Deuteranopia

50.7356, 0.3194, 0.3122



Tritanopia

50.9749, 0.2865, 0.3099

Trichromacy



Original Color

51.0698, 0.2933, 0.3276

Protanomaly

50.8675, 0.3056, 0.3252

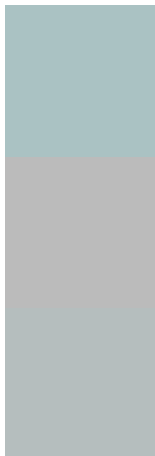
Deuteranomaly

50.7326, 0.3099, 0.3178

Tritanomaly

51.1097, 0.2885, 0.3162

Monochromacy



Original Color

51.0698, 0.2933, 0.3276

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3684, 0.3054, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0698, 0.2933, 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(170, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 194, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.0698, 0.2933, 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(170, 194, 195) }
```

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

```
.border{ border-color:rgb(170, 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(170, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(170, 194,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0698, 0.2933, 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(170, 194, 195) }
```

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

```
.background{ background-color: rgb(170,  
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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