

Converting Colors

Yxy(53.6862, 0.2963, 0.3309)

Have a look what the booklet for
Yxy(53.6862, 0.2963, 0.3309)
contains.

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Color

Yxy(53.5333, 0.2958, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	AFC6C5
RGB	175, 198, 197
RGB Percent	69%, 78%, 77%
CMY	0.3136, 0.2235, 0.2274
CMYK	0.12, 0.00, 0.00, 0.22
HSL	177°, 17%, 73%
HSV	177°, 12%, 78%
XYZ	47.9562, 53.5333, 60.6343
YIQ	191.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

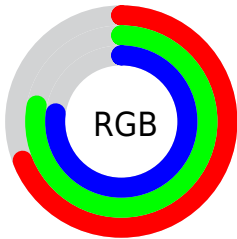
Format	Color
RYB	175, 187, 198
Decimal	11519685
CIELab	78.19, -7.94, -2.15
CIELCh	78, 8.221, 195.159
Yxy	53.5333, 0.2958, 0.3302
Android (android.graphics.Color)	4289709765 (0xFFAFC6C5)
YUV	191.0090, 2.9536, -14.0399
Hunter-Lab	73.1665, -11.0452, 2.0819

Details

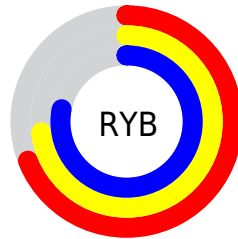
The Yxy color **53.5333, 0.2958, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8106, 0.3325, 0.3278**, and the grayscale version is **52.0979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6647, 0.2987, 0.3300**, and **26.0673, 0.2912, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **51.3707, 0.2821, 0.3313**, and if you desaturate by 10%, it is **56.0366, 0.3103, 0.3292**.

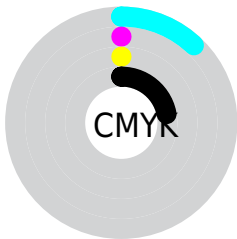
Distribution



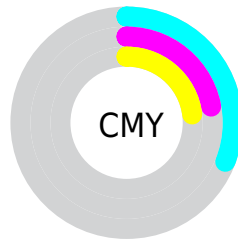
- Red (69%)
- Green (78%)
- Blue (77%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5333, 0.2958, 0.3302 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 53.5333, 0.2958, 0.3302 by changing the saturation by 10% instead.


 53.5333, 0.2958,
0.3302

 53.5333, 0.2958,
0.3302


400.3278, 0.3040,
0.3297

 38.2287, 0.2938,
0.3303


 95.3887, 0.2987,
0.3300

 26.1602, 0.2913,
0.3305


122.7082, 0.2999,
0.3299

 16.9435, 0.2880,
0.3306


154.8014, 0.3008,
0.3299

 10.1942, 0.2835,
0.3308

192.0528, 0.3016,
0.3298

 5.5279, 0.2770,
0.3311

234.8468, 0.3024,
0.3298

 2.5602, 0.2668,
0.3314

283.5677, 0.3030,

 0.9067, 0.2453,

0.3297

0.3330

338.5999, 0.3035,
0.3297

0.0000, 0.0000,
0.0000

53.5333, 0.2958,
0.3302

53.5333, 0.2958,
0.3302

51.3707, 0.2821,
0.3313

56.0366, 0.3103,
0.3292

49.5274, 0.2695,
0.3326

58.8874, 0.3254,
0.3282

47.9901, 0.2584,
0.3339

62.1010, 0.3408,
0.3274

46.7418, 0.2488,
0.3352

65.6896, 0.3561,
0.3266

45.7640, 0.2411,
0.3366

65.8762, 0.3561,
0.3258

■ 45.0359, 0.2352,
0.3380

■ 65.9164, 0.3554,
0.3249

■ 44.5339, 0.2313,
0.3394

■ 65.9568, 0.3547,
0.3240

■ 44.2295, 0.2291,
0.3408

■ 65.9975, 0.3540,
0.3231

■ 44.0825, 0.2283,
0.3420

■ 66.0383, 0.3534,
0.3223

Harmonies

Analogous

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



53.5333, 0.3044, 0.3398



53.5333, 0.2958, 0.3302



53.5333, 0.2917, 0.3204

Triad

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



53.5333, 0.2958, 0.3302



53.5333, 0.3098, 0.3123



53.5333, 0.3326, 0.3446

Complementary

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



53.5333, 0.2958, 0.3302



45.8106, 0.3325, 0.3278

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.



53.5333, 0.3342, 0.3370



53.5333, 0.2958, 0.3302



53.5333, 0.3209, 0.3186

Square

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



53.5333, 0.2958, 0.3302



53.5333, 0.2997, 0.3104



53.5333, 0.3299, 0.3275



53.5333, 0.3257, 0.3481

Rectangle

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



53.5333, 0.2958, 0.3302



53.5333, 0.2920, 0.3152



53.5333, 0.3299, 0.3275



53.5333, 0.3338, 0.3424

Sweetspot

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



53.5355, 0.2958, 0.3302



98.5567, 0.3082, 0.3293



52.7335, 0.3122, 0.3589



21.0147, 0.3070, 0.3294



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.



53.5355, 0.2958, 0.3302



93.7483, 0.2921, 0.3305



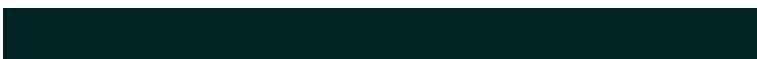
49.0155, 0.2949, 0.3157



12.0594, 0.2990, 0.3300



28.6723, 0.2283, 0.3418



1.3601, 0.2275, 0.3389

Inverse Universe

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



45.8106, 0.3325, 0.3278



77.2913, 0.3377, 0.3275



49.9516, 0.3317, 0.3420



10.6442, 0.3283, 0.3280



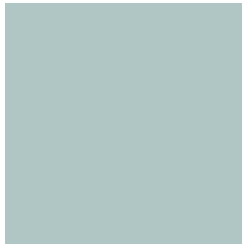
7.8230, 0.6348, 0.3271



0.3731, 0.6168, 0.3171

Previews

White Background



This preview shows how the Yxy color 53.5333, 0.2958, 0.3302 looks on a white background.

Color Contrast Check

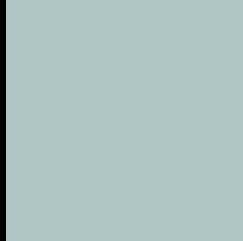
Large Text (above 18pt) WCAG AA × Fail

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 53.5333, 0.2958, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

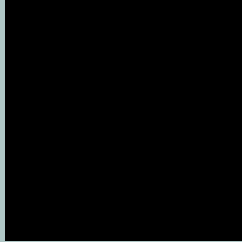
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

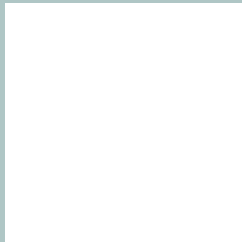
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5333, 0.2958, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 53.5333, 0.2958, 0.3302.

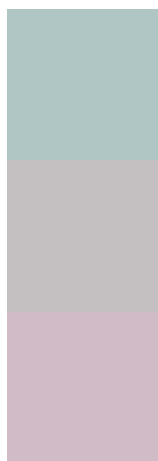


This preview shows how white text looks on a background with the Yxy color 53.5333, 0.2958, 0.3302.

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

53.5333, 0.2958, 0.3302

Protanopia

53.3301, 0.3144, 0.3266

Deuteranopia

53.2195, 0.3217, 0.3148



Tritanopia

53.6480, 0.2884, 0.3104

Trichromacy



Original Color

53.5333, 0.2958, 0.3302

Protanomaly

53.2151, 0.3072, 0.3277

Deuteranomaly

53.2091, 0.3123, 0.3205

Tritanomaly

53.7358, 0.2911, 0.3177

Monochromacy



Original Color

53.5333, 0.2958, 0.3302

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7481, 0.3063, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5333, 0.2958, 0.3302 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(175, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 197)  
}
```

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(175, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.5333, 0.2958, 0.3302 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(175, 198, 197) }
```

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

```
.border{ border-color:rgb(175, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(175, 198,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5333, 0.2958, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 197) }
```

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

```
.background{ background-color: rgb(175,  
198, 197) }
```

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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