

Converting Colors

$Y_{xy}(54.0741, 0.2988, 0.3314)$

Have a look what the booklet for
Yxy(54.0741, 0.2988, 0.3314)
contains.

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Color

Yxy(53.8387, 0.2987, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	B2C6C4
RGB	178, 198, 196
RGB Percent	70%, 78%, 77%
CMY	0.3021, 0.2235, 0.2314
CMYK	0.10, 0.00, 0.01, 0.22
HSL	174°, 15%, 74%
HSV	174°, 10%, 78%
XYZ	48.5117, 53.8387, 60.0590
YIQ	191.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

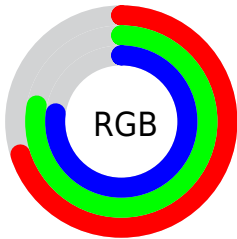
Format	Color
RYB	178, 189, 198
Decimal	11716292
CIELab	78.37, -7.17, -1.32
CIELCh	78, 7.295, 190.420
Yxy	53.8387, 0.2987, 0.3315
Android (android.graphics.Color)	4289906372 (0xFFB2C6C4)
YUV	191.7920, 2.0745, -12.0956
Hunter-Lab	73.3749, -10.3910, 2.8322

Details

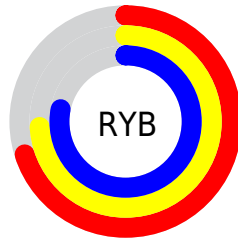
The Yxy color **53.8387, 0.2987, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1290, 0.3287, 0.3265**, and the grayscale version is **52.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1043, 0.3010, 0.3309**, and **26.2595, 0.2951, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **51.5758, 0.2856, 0.3342**, and if you desaturate by 10%, it is **56.4454, 0.3125, 0.3290**.

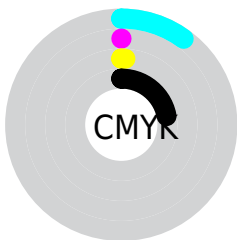
Distribution



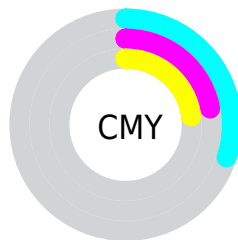
- Red (70%)
- Green (78%)
- Blue (77%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)




- Cyan (30%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8387, 0.2987, 0.3315 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 53.8387, 0.2987, 0.3315 by changing the saturation by 10% instead.


 53.8387, 0.2987,
0.3315

 53.8387, 0.2987,
0.3315


401.4946, 0.3055,
0.3303

 38.4727, 0.2970,
0.3318


 95.8374, 0.3011,
0.3311

 26.3498, 0.2950,
0.3321


123.2389, 0.3021,
0.3309

 17.0855, 0.2922,
0.3326

155.4210, 0.3029,
0.3308

 10.2955, 0.2885,
0.3332

192.7681, 0.3035,
0.3307

 5.5953, 0.2831,
0.3340

235.6646, 0.3041,
0.3306

 2.6006, 0.2746,
0.3353

284.4949, 0.3047,

 0.9270, 0.2574,

0.3305

0.3383

339.6435, 0.3051,
0.3304

0.0000, 0.0000,
0.0000

53.8387, 0.2987,
0.3315

53.8387, 0.2987,
0.3315

51.5758, 0.2856,
0.3342

56.4454, 0.3125,
0.3290

49.6356, 0.2734,
0.3371

59.4026, 0.3268,
0.3268

48.0047, 0.2625,
0.3402

62.7254, 0.3413,
0.3248

46.6665, 0.2532,
0.3435

66.0121, 0.3539,
0.3230

45.6026, 0.2456,
0.3469

66.1081, 0.3523,
0.3210

■ 44.7927, 0.2398,
0.3503

■ 66.2054, 0.3508,
0.3189

■ 44.2135, 0.2360,
0.3537

■ 66.3038, 0.3492,
0.3169

■ 43.8376, 0.2340,
0.3572

■ 66.4036, 0.3476,
0.3149

■ 43.6140, 0.2335,
0.3605

■ 66.5045, 0.3460,
0.3128

Harmonies

Analogous

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



53.8387, 0.3068, 0.3397



53.8387, 0.2987, 0.3315



53.8387, 0.2943, 0.3227

Triad

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



53.8387, 0.2987, 0.3315



53.8387, 0.3086, 0.3137



53.8387, 0.3309, 0.3420

Complementary

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



53.8387, 0.2987, 0.3315



47.1290, 0.3287, 0.3265

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.



53.8387, 0.3315, 0.3348



53.8387, 0.2987, 0.3315



53.8387, 0.3185, 0.3187

Square

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



53.8387, 0.2987, 0.3315



53.8387, 0.3000, 0.3126



53.8387, 0.3269, 0.3263



53.8387, 0.3254, 0.3457

Rectangle

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



53.8387, 0.2987, 0.3315



53.8387, 0.2941, 0.3178



53.8387, 0.3269, 0.3263



53.8387, 0.3317, 0.3399

Sweetspot

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



53.8410, 0.2987, 0.3315



98.5285, 0.3084, 0.3297



53.3474, 0.3133, 0.3547



21.0070, 0.3073, 0.3299



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.



53.8410, 0.2987, 0.3315



94.4549, 0.2959, 0.3320



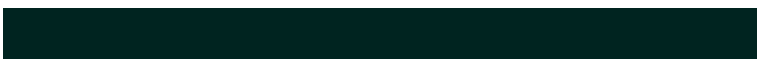
50.5081, 0.2972, 0.3192



12.0485, 0.2997, 0.3313



28.3660, 0.2334, 0.3601



1.3486, 0.2314, 0.3529

Inverse Universe

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



47.1290, 0.3287, 0.3265



80.3588, 0.3324, 0.3260



50.1913, 0.3293, 0.3386



10.6540, 0.3274, 0.3267



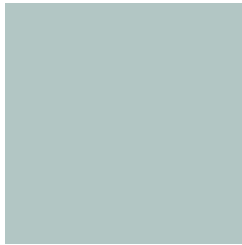
7.8463, 0.6271, 0.3228



0.3776, 0.5888, 0.3017

Previews

White Background



This preview shows how the Yxy color 53.8387, 0.2987, 0.3315 looks on a white background.

Color Contrast Check

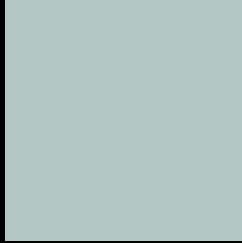
Large Text (above 18pt) WCAG AA × Fail

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 53.8387, 0.2987, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

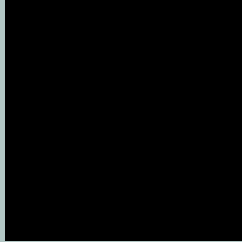
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

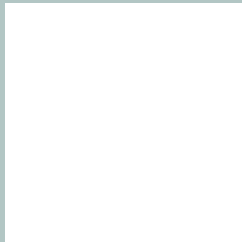
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8387, 0.2987, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 53.8387, 0.2987, 0.3315.

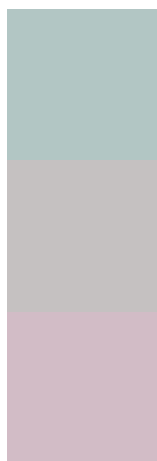


This preview shows how white text looks on a background with the Yxy color 53.8387, 0.2987, 0.3315.

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

53.8387, 0.2987, 0.3315

Protanopia

53.8605, 0.3159, 0.3290

Deuteranopia

53.7453, 0.3232, 0.3172



Tritanopia

54.0068, 0.2906, 0.3105

Trichromacy



Original Color

53.8387, 0.2987, 0.3315

Protanomaly

53.8724, 0.3095, 0.3302

Deuteranomaly

53.7363, 0.3138, 0.3229

Tritanomaly

54.0920, 0.2933, 0.3178

Monochromacy



Original Color

53.8387, 0.2987, 0.3315

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9986, 0.3079, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8387, 0.2987, 0.3315 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 $rgb(178, 198, 196)$ looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 196)  
}
```

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(178, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.8387, 0.2987, 0.3315 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(178, 198, 196) }
```

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

```
.border{ border-color:rgb(178, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8387, 0.2987, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 196) }
```

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

```
.background{ background-color: rgb(178,  
198, 196) }
```

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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