

Converting Colors

Yxy(57.2912, 0.2998, 0.3356)

Have a look what the booklet for
Yxy(57.2912, 0.2998, 0.3356)
contains.

Yxy(57.2543, 0.2997, 0.3351)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.2543, 0.2997, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	B6CCC7
RGB	182, 204, 199
RGB Percent	71%, 80%, 78%
CMY	0.2860, 0.2001, 0.2195
CMYK	0.11, 0.00, 0.02, 0.20
HSL	166°, 18%, 76%
HSV	166°, 11%, 80%
XYZ	51.2059, 57.2543, 62.3971
YIQ	196.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

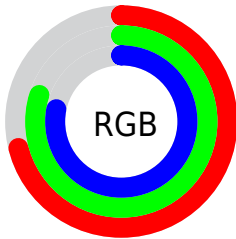
Format	Color
R _Y B	182, 194, 204
Decimal	11979975
CIE Lab	80.32, -8.34, -0.05
CIE LCh	80, 8.336, 180.347
Yxy	57.2543, 0.2997, 0.3351
Android (android.graphics.Color)	4290170055 (0xFFB6CCC7)
YUV	196.8520, 1.0590, -13.0252
Hunter-Lab	75.6666, -11.6199, 4.0741

Details

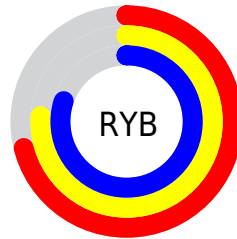
The Yxy color **57.2543, 0.2997, 0.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9070, 0.3276, 0.3230**, and the grayscale version is **55.7475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **28.5242, 0.2965, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **54.7388, 0.2882, 0.3414**, and if you desaturate by 10%, it is **60.1430, 0.3118, 0.3294**.

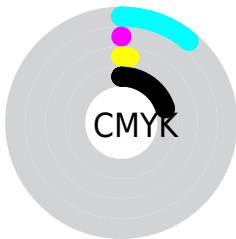
Distribution



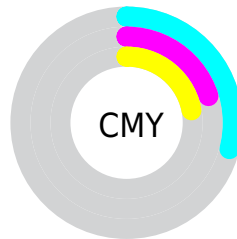
- Red (71%)
- Green (80%)
- Blue (78%)



- Red (71%)
- Yellow (76%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)




- Cyan (29%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2543, 0.2997, 0.3351 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 57.2543, 0.2997, 0.3351 by changing the saturation by 10% instead.


 57.2543, 0.2997,
0.3351

 57.2543, 0.2997,
0.3351

414.4015, 0.3060,
0.3322

 41.2094, 0.2982,
0.3358


 100.8361, 0.3019,
0.3341

 28.4828, 0.2963,
0.3367

129.1419, 0.3028,
0.3337

 18.6899, 0.2938,
0.3378


162.3035, 0.3035,
0.3333

 11.4464, 0.2905,
0.3394

200.7052, 0.3041,
0.3330

 6.3679, 0.2857,
0.3416

244.7315, 0.3047,
0.3328

 3.0701, 0.2783,
0.3451

294.7667, 0.3052,

 1.1684, 0.2654,

0.3325

0.3511

351.1952, 0.3056,
0.3323

0.0357, 0.0000,
0.4571

0.0000, 0.0000,
0.0000

57.2543, 0.2997,
0.3351

57.2543, 0.2997,
0.3351

54.7388, 0.2882,
0.3414

60.1430, 0.3118,
0.3294

52.5735, 0.2774,
0.3482

63.4123, 0.3242,
0.3243

50.7443, 0.2678,
0.3555

67.0784, 0.3367,
0.3197

49.2328, 0.2596,
0.3632

69.4752, 0.3423,
0.3153

■ 48.0192, 0.2531,
0.3713

■ 69.7197, 0.3388,
0.3107

■ 47.0814, 0.2484,
0.3796

■ 69.9711, 0.3354,
0.3061

■ 46.3941, 0.2457,
0.3880

■ 70.2293, 0.3319,
0.3016

■ 45.9271, 0.2449,
0.3963

■ 70.4944, 0.3286,
0.2971

■ 45.6404, 0.2456,
0.4040

■ 70.7665, 0.3252,
0.2926

Harmonies

Analogous

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



57.2543, 0.3097, 0.3435



57.2543, 0.2997, 0.3351



57.2543, 0.2932, 0.3251

Triad

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



57.2543, 0.2997, 0.3351



57.2543, 0.3046, 0.3109



57.2543, 0.3340, 0.3411

Complementary

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



57.2543, 0.2997, 0.3351



49.9070, 0.3276, 0.3230

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.



57.2543, 0.3326, 0.3324



57.2543, 0.2997, 0.3351



57.2543, 0.3155, 0.3152

Square

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



57.2543, 0.2997, 0.3351



57.2543, 0.2960, 0.3113



57.2543, 0.3258, 0.3229



57.2543, 0.3296, 0.3469

Rectangle

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



57.2543, 0.2997, 0.3351



57.2543, 0.2917, 0.3190



57.2543, 0.3258, 0.3229



57.2543, 0.3342, 0.3384

Sweetspot

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



57.2567, 0.2997, 0.3351



98.4667, 0.3090, 0.3307



57.1468, 0.3154, 0.3563



20.9903, 0.3080, 0.3311



0.0000, 0.0000, 0.0000



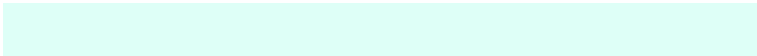
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2567, 0.2997, 0.3351



93.7717, 0.2968, 0.3366



54.7644, 0.2963, 0.3217



12.6819, 0.3013, 0.3343



28.7456, 0.2452, 0.4028



1.4939, 0.2407, 0.3866

Inverse Universe

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



49.9070, 0.3276, 0.3230



79.1001, 0.3314, 0.3216



52.1437, 0.3308, 0.3362



11.2546, 0.3255, 0.3238



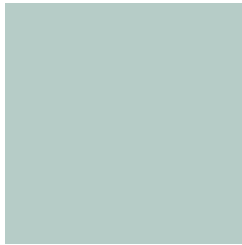
8.2170, 0.5983, 0.3069



0.4358, 0.5419, 0.2759

Previews

White Background



This preview shows how the Yxy color 57.2543, 0.2997, 0.3351 looks on a white background.

Color Contrast Check

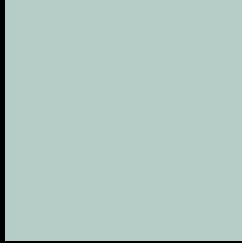
Large Text (above 18pt) WCAG AA × Fail

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 57.2543, 0.2997, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

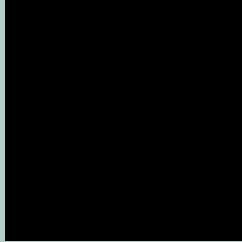
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

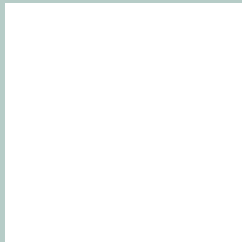
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2543, 0.2997, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 57.2543, 0.2997, 0.3351.



This preview shows how white text looks on a background with the Yxy color 57.2543, 0.2997, 0.3351.

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

57.2543, 0.2997, 0.3351

Protanopia

57.0702, 0.3181, 0.3314

Deuteranopia

57.1087, 0.3261, 0.3198



Tritanopia

57.0973, 0.2897, 0.3097

Trichromacy



Original Color

57.2543, 0.2997, 0.3351

Protanomaly

56.9419, 0.3110, 0.3326

Deuteranomaly

56.9400, 0.3160, 0.3255

Tritanomaly

57.0845, 0.2937, 0.3192

Monochromacy



Original Color

57.2543, 0.2997, 0.3351

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5922, 0.3080, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2543, 0.2997, 0.3351 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(182, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(182, 204, 199)  
}
```

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(182, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 204, 199) }
```

Border

The CSS property to change the border of an element to Yxy 57.2543, 0.2997, 0.3351 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(182, 204, 199) }
```

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

```
.border{ border-color:rgb(182, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(182, 204,  
199) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.2543, 0.2997, 0.3351$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 204, 199) }
```

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

```
.background{ background-color: rgb(182,  
204, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor