

Converting Colors

Yxy(58.8612, 0.3114, 0.3326)

Have a look what the booklet for
Yxy(58.8612, 0.3114, 0.3326)
contains.

Yxy(58.8878, 0.3110, 0.3326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.8878, 0.3110, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	C6CBC8
RGB	198, 203, 200
RGB Percent	78%, 80%, 78%
CMY	0.2236, 0.2039, 0.2157
CMYK	0.02, 0.00, 0.01, 0.20
HSL	144°, 5%, 79%
HSV	144°, 2%, 80%
XYZ	55.0635, 58.8878, 63.1017
YIQ	201.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

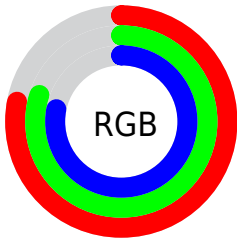
Format	Color
RYB	198, 202, 203
Decimal	13028296
CIELab	81.23, -2.28, 0.89
CIELCh	81, 2.446, 158.632
Yxy	58.8878, 0.3110, 0.3326
Android (android.graphics.Color)	4291218376 (0xFFC6CBC8)
YUV	201.1630, -0.5734, -2.7740
Hunter-Lab	76.7384, -6.2099, 4.9629

Details

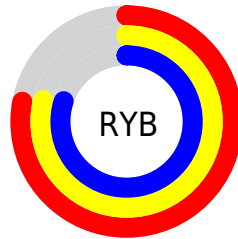
The Yxy color **58.8878, 0.3110, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2911, 0.3145, 0.3254**, and the grayscale version is **58.5182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.4995, 0.3105, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **55.7677, 0.3041, 0.3482**, and if you desaturate by 10%, it is **62.4280, 0.3179, 0.3188**.

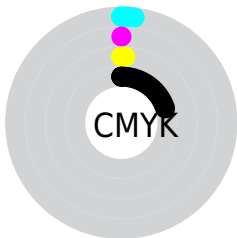
Distribution



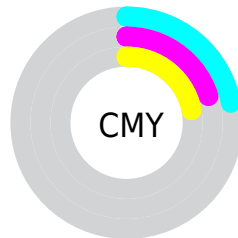
- Red (78%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (79%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8878, 0.3110, 0.3326 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 58.8878, 0.3110, 0.3326 by changing the saturation by 10% instead.

■ 58.8878, 0.3110,
0.3326

■ 58.8878, 0.3110,
0.3326

420.4860, 0.3118,
0.3309

■ 42.5228, 0.3108,
0.3330

103.2146, 0.3113,
0.3320

■ 29.5109, 0.3105,
0.3335

131.9451, 0.3114,
0.3318

■ 19.4676, 0.3102,
0.3342

165.5664, 0.3115,
0.3316

■ 12.0087, 0.3098,
0.3351

204.4626, 0.3116,
0.3314

■ 6.7496, 0.3092,
0.3364

249.0183, 0.3117,
0.3312

■ 3.3060, 0.3082,
0.3384

299.6179, 0.3117,

■ 1.2935, 0.3065,

0.3311

356.6456, 0.3118,
0.3310

0.3420

0.1362, 0.2494,
0.4601

0.0000, 0.0000,
0.0000

58.8878, 0.3110,
0.3326

58.8878, 0.3110,
0.3326

55.7677, 0.3041,
0.3482

62.4280, 0.3179,
0.3188

53.0444, 0.2974,
0.3657

66.3956, 0.3247,
0.3066

50.7040, 0.2912,
0.3850

70.0644, 0.3283,
0.2956

48.7284, 0.2856,
0.4060

70.7984, 0.3195,
0.2840

■ 47.0984, 0.2811,
0.4284

■ 71.1985, 0.3151,
0.2782

■ 45.7928, 0.2779,
0.4517

■ 44.7880, 0.2765,
0.4751

■ 44.0571, 0.2768,
0.4978

■ 43.5678, 0.2791,
0.5191

Harmonies

Analogous

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



58.8878, 0.3142, 0.3342



58.8878, 0.3110, 0.3326



58.8878, 0.3083, 0.3300

Triad

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



58.8878, 0.3110, 0.3326



58.8878, 0.3084, 0.3237



58.8878, 0.3187, 0.3308

Complementary

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



58.8878, 0.3110, 0.3326



57.2911, 0.3145, 0.3254

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.



58.8878, 0.3172, 0.3280



58.8878, 0.3110, 0.3326



58.8878, 0.3112, 0.3239

Square

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



58.8878, 0.3110, 0.3326



58.8878, 0.3068, 0.3249



58.8878, 0.3144, 0.3255



58.8878, 0.3187, 0.3332

Rectangle

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



58.8878, 0.3110, 0.3326



58.8878, 0.3071, 0.3281



58.8878, 0.3144, 0.3255



58.8878, 0.3184, 0.3299

Sweetspot

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



58.8903, 0.3110, 0.3326



99.4215, 0.3120, 0.3305



59.2117, 0.3148, 0.3350



21.2864, 0.3121, 0.3304



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.



58.8903, 0.3110, 0.3326



98.2859, 0.3106, 0.3334



59.0091, 0.3092, 0.3296



13.0064, 0.3101, 0.3345



27.5793, 0.2809, 0.5311



1.4377, 0.2698, 0.4912

Inverse Universe

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



57.2911, 0.3145, 0.3254



95.0201, 0.3149, 0.3246



57.1735, 0.3163, 0.3284



12.4724, 0.3154, 0.3236



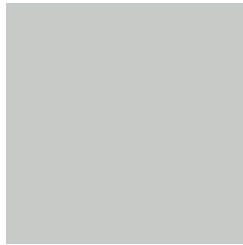
8.9883, 0.4529, 0.2268



0.4784, 0.4204, 0.2089

Previews

White Background



This preview shows how the Yxy color 58.8878, 0.3110, 0.3326 looks on a white background.

Color Contrast Check

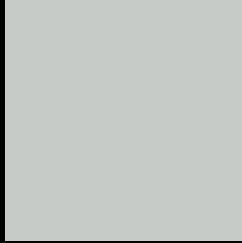
Large Text (above 18pt) WCAG AA × Fail

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 58.8878, 0.3110, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

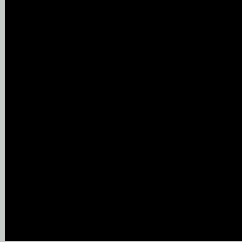
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

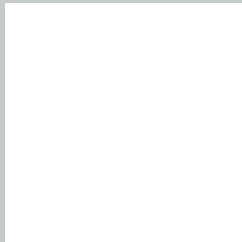
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8878, 0.3110, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 58.8878, 0.3110, 0.3326.



This preview shows how white text looks on a background with the Yxy color 58.8878, 0.3110, 0.3326.

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

58.8878, 0.3110, 0.3326

Protanopia

59.0186, 0.3181, 0.3314

Deuteranopia

58.6666, 0.3284, 0.3211



Tritanopia

59.1487, 0.3021, 0.3115

Trichromacy



Original Color

58.8878, 0.3110, 0.3326

Protanomaly

59.0611, 0.3156, 0.3326

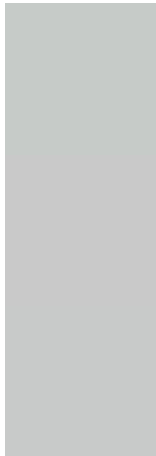
Deuteranomaly

58.7513, 0.3224, 0.3256

Tritanomaly

59.1736, 0.3055, 0.3196

Monochromacy



Original Color

58.8878, 0.3110, 0.3326

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7375, 0.3119, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8878, 0.3110, 0.3326 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(198, 203, 200)` looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 200)  
}
```

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(198, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.8878, 0.3110, 0.3326 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(198, 203, 200) }
```

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

```
.border{ border-color:rgb(198, 203, 200) }
```

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

Here you see how a box with a 4 pixel rgb(198, 203, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 200);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8878, 0.3110, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 200) }
```

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

```
.background{ background-color: rgb(198,  
203, 200) }
```

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