

Converting Colors

$Y_{xy}(58.1014, 0.3103, 0.3302)$

Have a look what the booklet for
Yxy(58.1014, 0.3103, 0.3302)
contains.

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Color

Yxy(57.8137, 0.3103, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	C5C9C8
RGB	197, 201, 200
RGB Percent	77%, 79%, 78%
CMY	0.2276, 0.2117, 0.2157
CMYK	0.02, 0.00, 0.01, 0.21
HSL	165°, 4%, 78%
HSV	165°, 2%, 79%
XYZ	54.3295, 57.8137, 62.9437
YIQ	199.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

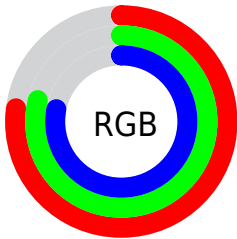
Format	Color
RYB	197, 199, 201
Decimal	12962248
CIELab	80.64, -1.57, 0.00
CIElCh	81, 1.574, 179.822
Yxy	57.8137, 0.3103, 0.3302
Android (android.graphics.Color)	4291152328 (0xFFC5C9C8)
YUV	199.6900, 0.1528, -2.3591
Hunter-Lab	76.0353, -5.5183, 4.1431

Details

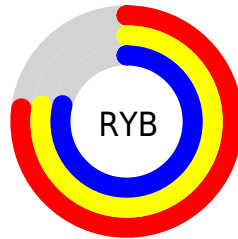
The Yxy color **57.8137, 0.3103, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4073, 0.3152, 0.3278**, and the grayscale version is **57.5559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **28.7824, 0.3095, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **55.0522, 0.2986, 0.3365**, and if you desaturate by 10%, it is **60.9496, 0.3223, 0.3245**.

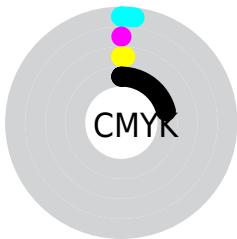
Distribution



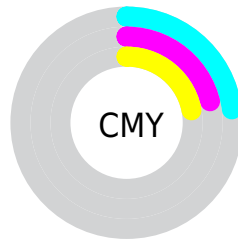
- Red (77%)
- Green (79%)
- Blue (78%)



- Red (77%)
- Yellow (78%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8137, 0.3103, 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 57.8137, 0.3103, 0.3302 by changing the saturation by 10% instead.

■ 57.8137, 0.3103,
0.3302

■ 57.8137, 0.3103,
0.3302

416.4914, 0.3115,
0.3296

■ 41.6589, 0.3100,
0.3303

101.6515, 0.3107,
0.3300

■ 28.8343, 0.3097,
0.3305

130.1033, 0.3109,
0.3299

■ 18.9555, 0.3092,
0.3307

163.4229, 0.3110,
0.3299

■ 11.6381, 0.3086,
0.3310

201.9947, 0.3111,
0.3298

■ 6.4978, 0.3077,
0.3315

246.2030, 0.3112,
0.3297

■ 3.1501, 0.3063,
0.3321

296.4323, 0.3113,

■ 1.2106, 0.3039,

0.3297

0.3333

353.0670, 0.3114,
0.3297

0.0703, 0.1623,
0.4020

0.0000, 0.0000,
0.0000

57.8137, 0.3103,
0.3302

57.8137, 0.3103,
0.3302

55.0522, 0.2986,
0.3365

60.9496, 0.3223,
0.3245

52.6434, 0.2874,
0.3435

64.4659, 0.3345,
0.3194

50.5745, 0.2770,
0.3511

67.9468, 0.3447,
0.3148

48.8292, 0.2678,
0.3592

68.2073, 0.3409,
0.3098

■ 47.3898, 0.2600,
0.3678

■ 68.4757, 0.3371,
0.3048

■ 46.2367, 0.2539,
0.3767

■ 68.7521, 0.3333,
0.2999

■ 45.3484, 0.2496,
0.3859

■ 69.0365, 0.3296,
0.2951

■ 44.7000, 0.2473,
0.3951

■ 69.3290, 0.3259,
0.2903

■ 44.2615, 0.2469,
0.4044

■ 69.6296, 0.3223,
0.2855

Harmonies

Analogous

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



57.8137, 0.3122, 0.3317



57.8137, 0.3103, 0.3302



57.8137, 0.3090, 0.3284

Triad

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



57.8137, 0.3103, 0.3302



57.8137, 0.3112, 0.3256



57.8137, 0.3167, 0.3313

Complementary

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



57.8137, 0.3103, 0.3302



56.4073, 0.3152, 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.



57.8137, 0.3164, 0.3297



57.8137, 0.3103, 0.3302



57.8137, 0.3132, 0.3263

Square

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



57.8137, 0.3103, 0.3302



57.8137, 0.3095, 0.3257



57.8137, 0.3152, 0.3278



57.8137, 0.3159, 0.3324

Rectangle

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



57.8137, 0.3103, 0.3302



57.8137, 0.3087, 0.3272



57.8137, 0.3152, 0.3278



57.8137, 0.3167, 0.3308

Sweetspot

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



57.8162, 0.3103, 0.3302



99.4789, 0.3115, 0.3296



57.8123, 0.3133, 0.3339



21.2981, 0.3116, 0.3296



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.



57.8162, 0.3103, 0.3302



98.9642, 0.3103, 0.3302



57.3914, 0.3096, 0.3278



12.4760, 0.3105, 0.3301



27.6875, 0.2473, 0.4103



1.3220, 0.2420, 0.3913

Inverse Universe

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



56.4073, 0.3152, 0.3278



96.5446, 0.3152, 0.3278



56.8236, 0.3159, 0.3302



12.1939, 0.3150, 0.3279



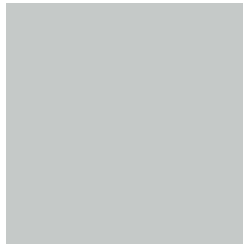
7.9644, 0.5913, 0.3031



0.3891, 0.5302, 0.2695

Previews

White Background



This preview shows how the Yxy color 57.8137, 0.3103, 0.3302 looks on a white background.

Color Contrast Check

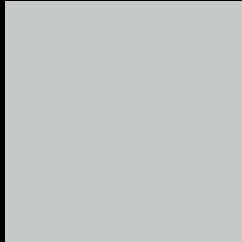
Large Text (above 18pt) WCAG AA × Fail

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 57.8137, 0.3103, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

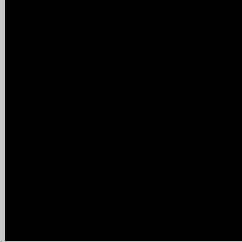
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

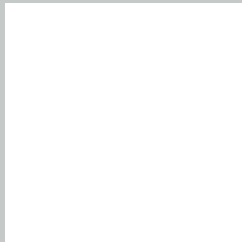
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8137, 0.3103, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 57.8137, 0.3103, 0.3302.



This preview shows how white text looks on a background with the Yxy color 57.8137, 0.3103, 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

57.8137, 0.3103, 0.3302

Protanopia

57.8077, 0.3166, 0.3290

Deuteranopia

57.7060, 0.3268, 0.3210



Tritanopia

57.8440, 0.3020, 0.3114

Trichromacy



Original Color

57.8137, 0.3103, 0.3302

Protanomaly

57.8496, 0.3142, 0.3302

Deuteranomaly

57.8512, 0.3201, 0.3244

Tritanomaly

57.9178, 0.3048, 0.3183

Monochromacy



Original Color

57.8137, 0.3103, 0.3302

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6208, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8137, 0.3103, 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(197, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 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(197, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 200) }
```

Border

The CSS property to change the border of an element to Yxy 57.8137, 0.3103, 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(197, 201, 200) }
```

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

```
.border{ border-color:rgb(197, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8137, 0.3103, 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(197, 201, 200) }
```

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

```
.background{ background-color: rgb(197,  
201, 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](#).

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