

Converting Colors

Yxy(57.3557, 0.3152, 0.3347)

Have a look what the booklet for
Yxy(57.3557, 0.3152, 0.3347)
contains.

Yxy(57.3908, 0.3156, 0.3350)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.3908, 0.3156, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	C7C8C3
RGB	199, 200, 195
RGB Percent	78%, 78%, 76%
CMY	0.2194, 0.2157, 0.2353
CMYK	0.00, 0.00, 0.02, 0.22
HSL	71°, 4%, 77%
HSV	71°, 2%, 78%
XYZ	54.0673, 57.3908, 59.8577
YIQ	199.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

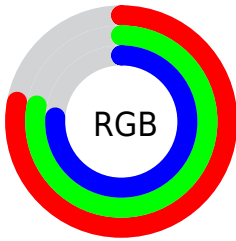
Format	Color
RYB	195, 200, 196
Decimal	13093059
CIELab	80.40, -1.22, 2.37
CIElCh	80, 2.664, 117.368
Yxy	57.3908, 0.3156, 0.3350
Android (android.graphics.Color)	4291283139 (0xFFC7C8C3)
YUV	199.1310, -2.0366, -0.1149
Hunter-Lab	75.7567, -5.1795, 6.1828

Details

The Yxy color **57.3908, 0.3156, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9288, 0.3098, 0.3230**, and the grayscale version is **57.2151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **28.5006, 0.3165, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **56.0383, 0.3274, 0.3599**, and if you desaturate by 10%, it is **58.8822, 0.3042, 0.3115**.

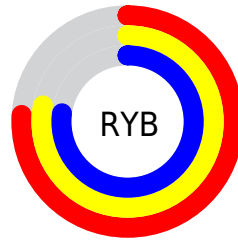
Distribution



Red (78%)

Green (78%)

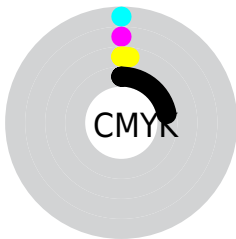
Blue (76%)



Red (76%)

Yellow (78%)

Blue (77%)

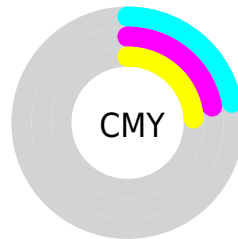


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3908, 0.3156, 0.3350 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 57.3908, 0.3156, 0.3350 by changing the saturation by 10% instead.

■ 57.3908, 0.3156,
0.3350

■ 57.3908, 0.3156,
0.3350

414.9121, 0.3142,
0.3321

■ 41.3191, 0.3159,
0.3357

101.0352, 0.3151,
0.3340

■ 28.5685, 0.3163,
0.3366

129.3767, 0.3149,
0.3336

■ 18.7546, 0.3169,
0.3377

162.5768, 0.3148,
0.3332

■ 11.4931, 0.3176,
0.3393

201.0201, 0.3146,
0.3330

■ 6.3995, 0.3187,
0.3415

245.0909, 0.3145,
0.3327

■ 3.0895, 0.3203,
0.3450

295.1735, 0.3144,

■ 1.1786, 0.3231,

0.3325

0.3511

351.6525, 0.3143,
0.3323

0.0442, 0.2147,
0.7853

0.0000, 0.0000,
0.0000

57.3908, 0.3156,
0.3350

57.3908, 0.3156,
0.3350

56.0383, 0.3274,
0.3599

58.8822, 0.3042,
0.3115

54.8125, 0.3392,
0.3859

60.5097, 0.2934,
0.2898

53.7105, 0.3507,
0.4122

62.2801, 0.2832,
0.2698

52.7269, 0.3615,
0.4382

62.8420, 0.2859,
0.2702

■ 51.8557, 0.3710,
0.4627

■ 63.4169, 0.2885,
0.2707

■ 51.0901, 0.3787,
0.4846

■ 64.0050, 0.2911,
0.2711

■ 50.4227, 0.3840,
0.5030

■ 64.6065, 0.2938,
0.2716

■ 49.8453, 0.3869,
0.5172

■ 65.2214, 0.2965,
0.2720

■ 49.3474, 0.3872,
0.5267

■ 65.8497, 0.2992,
0.2725

Harmonies

Analogous

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



57.3908, 0.3183, 0.3346



57.3908, 0.3156, 0.3350



57.3908, 0.3121, 0.3338

Triad

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



57.3908, 0.3156, 0.3350



57.3908, 0.3060, 0.3253



57.3908, 0.3166, 0.3268

Complementary

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



57.3908, 0.3156, 0.3350



54.9288, 0.3098, 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.



57.3908, 0.3133, 0.3243



57.3908, 0.3156, 0.3350



57.3908, 0.3072, 0.3235

Square

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



57.3908, 0.3156, 0.3350



57.3908, 0.3066, 0.3281



57.3908, 0.3098, 0.3231



57.3908, 0.3189, 0.3298

Rectangle

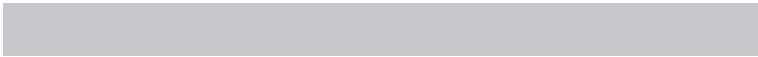
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.3908, 0.3156, 0.3350



57.3908, 0.3099, 0.3322



57.3908, 0.3098, 0.3231



57.3908, 0.3156, 0.3259

Sweetspot

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



57.3933, 0.3156, 0.3350



99.7457, 0.3139, 0.3314



55.6604, 0.3166, 0.3301



21.3524, 0.3138, 0.3313



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.



57.3933, 0.3156, 0.3350



99.2443, 0.3162, 0.3363



57.0583, 0.3137, 0.3350



12.4798, 0.3171, 0.3381



31.2038, 0.3866, 0.5312



1.5044, 0.3938, 0.5255

Inverse Universe

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



54.9288, 0.3098, 0.3230



94.0576, 0.3091, 0.3216



55.2623, 0.3117, 0.3230



11.6781, 0.3083, 0.3198



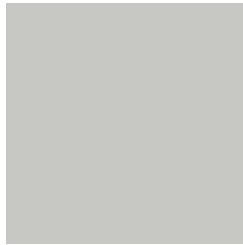
2.9396, 0.1595, 0.0652



0.1690, 0.1790, 0.0760

Previews

White Background



This preview shows how the Yxy color 57.3908, 0.3156, 0.3350 looks on a white background.

Color Contrast Check

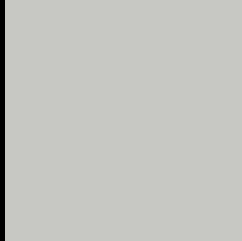
Large Text (above 18pt) WCAG AA × Fail

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 57.3908, 0.3156, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

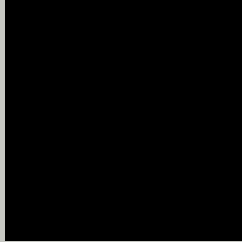
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

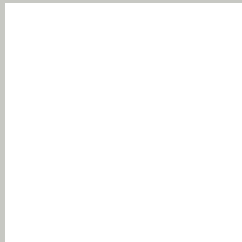
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3908, 0.3156, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 57.3908, 0.3156, 0.3350.



This preview shows how white text looks on a background with the Yxy color 57.3908, 0.3156, 0.3350.

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

57.3908, 0.3156, 0.3350

Protanopia

57.1206, 0.3204, 0.3338

Deuteranopia

57.3411, 0.3325, 0.3256



Tritanopia

57.2932, 0.3051, 0.3103

Trichromacy



Original Color

57.3908, 0.3156, 0.3350

Protanomaly

57.2984, 0.3187, 0.3350

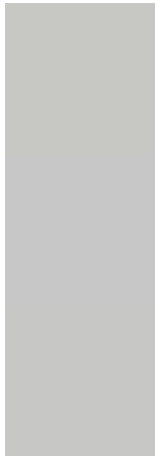
Deuteranomaly

57.4624, 0.3256, 0.3290

Tritanomaly

57.2619, 0.3093, 0.3195

Monochromacy



Original Color

57.3908, 0.3156, 0.3350

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0662, 0.3134, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3908, 0.3156, 0.3350 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(199, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 195)  
}
```

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(199, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.3908, 0.3156, 0.3350 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(199, 200, 195) }
```

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

```
.border{ border-color:rgb(199, 200, 195) }
```

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

Here you see how a box with a 4 pixel rgb(199, 200, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3908, 0.3156, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 195) }
```

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

```
.background{ background-color: rgb(199,  
200, 195) }
```

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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