

Converting Colors

Yxy(59.3618, 0.3071, 0.3334)

Have a look what the booklet for
Yxy(59.3618, 0.3071, 0.3334)
contains.

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Color

Yxy(59.3490, 0.3072, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	C2CDC9
RGB	194, 205, 201
RGB Percent	76%, 80%, 79%
CMY	0.2392, 0.1960, 0.2118
CMYK	0.05, 0.00, 0.02, 0.20
HSL	158°, 10%, 78%
HSV	158°, 5%, 80%
XYZ	54.6196, 59.3490, 63.8295
YIQ	201.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

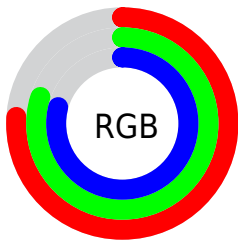
Format	Color
RYB	194, 201, 205
Decimal	12766665
CIELab	81.48, -4.49, 0.69
CIELCh	81, 4.545, 171.280
Yxy	59.3490, 0.3072, 0.3338
Android (android.graphics.Color)	4290956745 (0xFFC2CDC9)
YUV	201.2550, -0.1257, -6.3626
Hunter-Lab	77.0383, -8.2619, 4.8025

Details

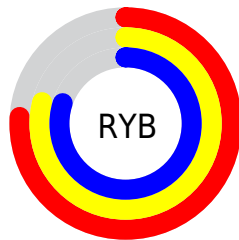
The Yxy color **59.3490, 0.3072, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6383, 0.3186, 0.3242**, and the grayscale version is **58.5786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **29.8153, 0.3054, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **56.4803, 0.2972, 0.3435**, and if you desaturate by 10%, it is **62.6140, 0.3175, 0.3251**.

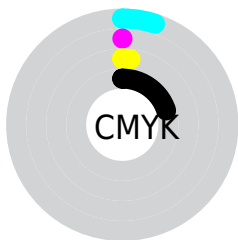
Distribution



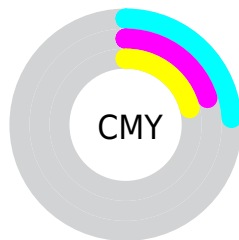
- Red (76%)
- Green (80%)
- Blue (79%)



- Red (76%)
- Yellow (79%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3490, 0.3072, 0.3338 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 59.3490, 0.3072, 0.3338 by changing the saturation by 10% instead.

■ 59.3490, 0.3072,
0.3338

■ 59.3490, 0.3072,
0.3338

422.1940, 0.3099,
0.3315

■ 42.8941, 0.3066,
0.3343

■ 103.8847, 0.3081,
0.3330

■ 29.8021, 0.3058,
0.3350

132.7344, 0.3085,
0.3327

■ 19.6884, 0.3047,
0.3359

166.4844, 0.3088,
0.3324

■ 12.1687, 0.3033,
0.3372

205.5192, 0.3091,
0.3322

■ 6.8587, 0.3014,
0.3389

250.2232, 0.3093,
0.3320

■ 3.3739, 0.2983,
0.3416

300.9807, 0.3095,

■ 1.3299, 0.2930,

0.3318

0.3462

358.1762, 0.3097,
0.3316

0.1642, 0.1360,
0.4812

0.0000, 0.0000,
0.0000

59.3490, 0.3072,
0.3338

59.3490, 0.3072,
0.3338

56.4803, 0.2972,
0.3435

62.6140, 0.3175,
0.3251

53.9850, 0.2876,
0.3542

66.2824, 0.3279,
0.3173

51.8490, 0.2789,
0.3659

70.2765, 0.3377,
0.3105

50.0545, 0.2712,
0.3784

70.6896, 0.3322,
0.3031

■ 48.5823, 0.2649,
0.3917

■ 71.1207, 0.3267,
0.2958

■ 47.4110, 0.2604,
0.4055

■ 71.5700, 0.3214,
0.2887

■ 46.5167, 0.2577,
0.4196

■ 72.0379, 0.3162,
0.2817

■ 45.8714, 0.2571,
0.4337

■ 72.1464, 0.3150,
0.2802

■ 45.4414, 0.2584,
0.4476

Harmonies

Analogous

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



59.3490, 0.3129, 0.3377



59.3490, 0.3072, 0.3338



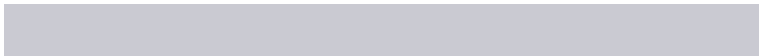
59.3490, 0.3030, 0.3286

Triad

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



59.3490, 0.3072, 0.3338



59.3490, 0.3068, 0.3190



59.3490, 0.3242, 0.3343

Complementary

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



59.3490, 0.3072, 0.3338



55.6383, 0.3186, 0.3242

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.



59.3490, 0.3226, 0.3293



59.3490, 0.3072, 0.3338



59.3490, 0.3124, 0.3205

Square

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



59.3490, 0.3072, 0.3338



59.3490, 0.3027, 0.3201



59.3490, 0.3182, 0.3243



59.3490, 0.3228, 0.3380

Rectangle

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



59.3490, 0.3072, 0.3338



59.3490, 0.3016, 0.3251



59.3490, 0.3182, 0.3243



59.3490, 0.3240, 0.3327

Sweetspot

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



59.3515, 0.3072, 0.3338



98.9264, 0.3106, 0.3308



59.5712, 0.3152, 0.3422



21.1856, 0.3107, 0.3307



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.



59.3515, 0.3072, 0.3338



96.8587, 0.3065, 0.3345



58.8436, 0.3045, 0.3272



12.8366, 0.3060, 0.3349



28.2083, 0.2589, 0.4520



1.4695, 0.2514, 0.4250

Inverse Universe

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



55.6383, 0.3186, 0.3242



90.0132, 0.3194, 0.3236



56.1124, 0.3215, 0.3308



11.8557, 0.3200, 0.3232



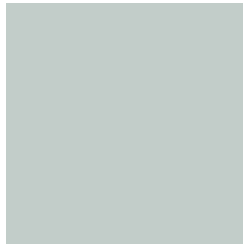
8.4107, 0.5500, 0.2804



0.4484, 0.4960, 0.2506

Previews

White Background



This preview shows how the Yxy color 59.3490, 0.3072, 0.3338 looks on a white background.

Color Contrast Check

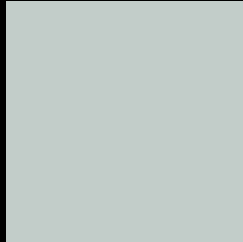
Large Text (above 18pt) WCAG AA × Fail

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 59.3490, 0.3072, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

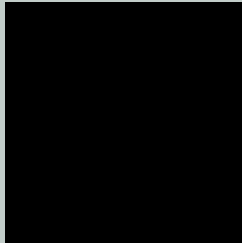
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

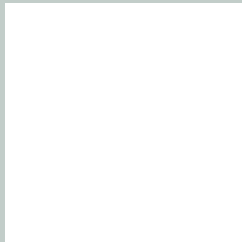
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3490, 0.3072, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 59.3490, 0.3072, 0.3338.



This preview shows how white text looks on a background with the Yxy color 59.3490, 0.3072, 0.3338.

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

59.3490, 0.3072, 0.3338

Protanopia

59.1622, 0.3188, 0.3314

Deuteranopia

59.1638, 0.3275, 0.3211



Tritanopia

59.1733, 0.2978, 0.3102

Trichromacy



Original Color

59.3490, 0.3072, 0.3338

Protanomaly

58.9677, 0.3142, 0.3314

Deuteranomaly

58.9600, 0.3200, 0.3255

Tritanomaly

59.2011, 0.3012, 0.3183

Monochromacy



Original Color

59.3490, 0.3072, 0.3338

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4639, 0.3104, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3490, 0.3072, 0.3338 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(194, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(194, 205, 201)  
}
```

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(194, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 205, 201) }
```

Border

The CSS property to change the border of an element to Yxy 59.3490, 0.3072, 0.3338 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(194, 205, 201) }
```

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

```
.border{ border-color:rgb(194, 205, 201) }
```

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

Here you see how a box with a 4 pixel rgb(194, 205, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(194, 205,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3490, 0.3072, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 205, 201) }
```

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

```
.background{ background-color: rgb(194,  
205, 201) }
```

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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