

Converting Colors

$Yxy(59.4284, 0.3089, 0.3289)$

Have a look what the booklet for
Yxy(59.4284, 0.3089, 0.3289)
contains.

Yxy(59.6875, 0.3089, 0.3290)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.6875, 0.3089, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	C7CCCC
RGB	199, 204, 204
RGB Percent	78%, 80%, 80%
CMY	0.2197, 0.2000, 0.2000
CMYK	0.02, 0.00, 0.00, 0.20
HSL	180°, 5%, 79%
HSV	180°, 2%, 80%
XYZ	56.0409, 59.6875, 65.6925
YIQ	202.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

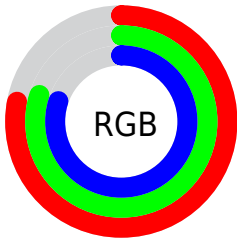
Format	Color
R _Y B	199, 202, 204
Decimal	13094092
CIE Lab	81.67, -1.71, -0.60
CIE LCh	82, 1.818, 199.438
Yxy	59.6875, 0.3089, 0.3290
Android (android.graphics.Color)	4291284172 (0xFFC7CCCC)
YUV	202.5050, 0.7370, -3.0739
Hunter-Lab	77.2577, -5.7212, 3.6658

Details

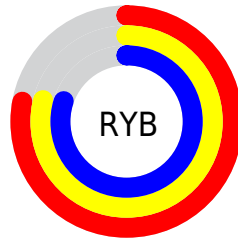
The Yxy color $59.6875, 0.3089, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.8003, 0.3167, 0.3290$, and the grayscale version is $59.3910, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.0344, 0.3077, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $57.0820, 0.2939, 0.3290$, and if you desaturate by 10%, it is $62.6722, 0.3246, 0.3290$.

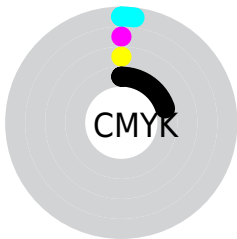
Distribution



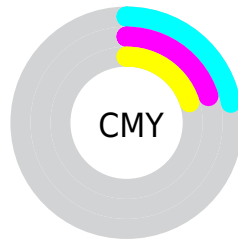
- Red (78%)
- Green (80%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6875, 0.3089, 0.3290 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 59.6875, 0.3089, 0.3290 by changing the saturation by 10% instead.

■ 59.6875, 0.3089,
0.3290

■ 59.6875, 0.3089,
0.3290

423.4449, 0.3107,
0.3290

■ 43.1668, 0.3085,
0.3290

104.3762, 0.3095,
0.3290

■ 30.0160, 0.3079,
0.3290

133.3130, 0.3098,
0.3290

■ 19.8507, 0.3072,
0.3290

167.1573, 0.3100,
0.3290

■ 12.2866, 0.3063,
0.3290

206.2935, 0.3102,
0.3290

■ 6.9392, 0.3049,
0.3290

251.1059, 0.3104,
0.3290

■ 3.4241, 0.3028,
0.3289

301.9791, 0.3105,

■ 1.3569, 0.2993,

0.3290

359.2973, 0.3106,
0.3290

0.3289

0.1847, 0.2380,
0.3288

0.0000, 0.0000,
0.0000

59.6875, 0.3089,
0.3290

59.6875, 0.3089,
0.3290

57.0820, 0.2939,
0.3290

62.6722, 0.3246,
0.3290

54.8332, 0.2797,
0.3290

66.0424, 0.3406,
0.3290

52.9281, 0.2669,
0.3291

68.8173, 0.3526,
0.3290

51.3495, 0.2555,
0.3291

68.8196, 0.3525,
0.3289

■ 50.0792, 0.2458,
0.3292

■ 68.8219, 0.3525,
0.3289

■ 49.0971, 0.2379,
0.3292

■ 68.8241, 0.3525,
0.3288

■ 48.3804, 0.2320,
0.3293

■ 68.8264, 0.3524,
0.3288

■ 47.9034, 0.2280,
0.3293

■ 68.8287, 0.3524,
0.3287

■ 47.6348, 0.2257,
0.3294

■ 68.8310, 0.3524,
0.3287

Harmonies

Analogous

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



59.6875, 0.3107, 0.3310



59.6875, 0.3089, 0.3290



59.6875, 0.3082, 0.3270

Triad

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



59.6875, 0.3089, 0.3290



59.6875, 0.3125, 0.3255



59.6875, 0.3168, 0.3325

Complementary

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



59.6875, 0.3089, 0.3290



57.8003, 0.3167, 0.3290

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.



59.6875, 0.3173, 0.3310



59.6875, 0.3089, 0.3290



59.6875, 0.3148, 0.3270

Square

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



59.6875, 0.3089, 0.3290



59.6875, 0.3102, 0.3250



59.6875, 0.3166, 0.3290



59.6875, 0.3152, 0.3331

Rectangle

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



59.6875, 0.3089, 0.3290



59.6875, 0.3084, 0.3259



59.6875, 0.3166, 0.3290



59.6875, 0.3171, 0.3321

Sweetspot

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



59.6900, 0.3089, 0.3290



99.5192, 0.3111, 0.3290



59.4646, 0.3125, 0.3350



21.3063, 0.3112, 0.3290



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.



59.6900, 0.3089, 0.3290



98.5767, 0.3080, 0.3290



58.5438, 0.3090, 0.3261



13.0541, 0.3069, 0.3290



29.9116, 0.2249, 0.3294



1.5433, 0.2248, 0.3293

Inverse Universe

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



57.8003, 0.3167, 0.3290



94.7339, 0.3176, 0.3290



58.9273, 0.3165, 0.3319



12.4257, 0.3188, 0.3290



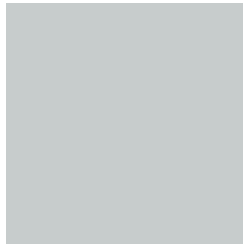
8.0808, 0.6398, 0.3298



0.4170, 0.6388, 0.3293

Previews

White Background



This preview shows how the Yxy color 59.6875, 0.3089, 0.3290 looks on a white background.

Color Contrast Check

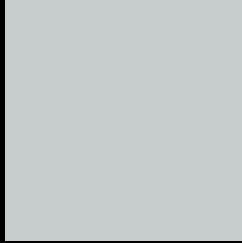
Large Text (above 18pt) WCAG AA × Fail

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 59.6875, 0.3089, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

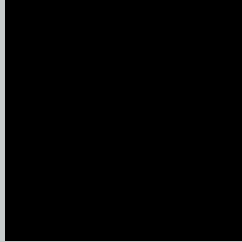
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

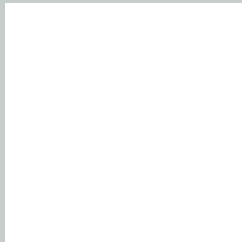
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6875, 0.3089, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 59.6875, 0.3089, 0.3290.

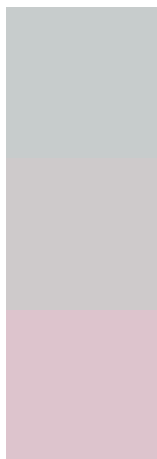


This preview shows how white text looks on a background with the Yxy color 59.6875, 0.3089, 0.3290.

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

59.6875, 0.3089, 0.3290

Protanopia

59.6747, 0.3151, 0.3278

Deuteranopia

59.2598, 0.3260, 0.3189



Tritanopia

59.7205, 0.3008, 0.3104

Trichromacy



Original Color

59.6875, 0.3089, 0.3290

Protanomaly

59.7202, 0.3127, 0.3290

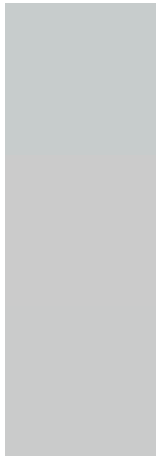
Deuteranomaly

59.4008, 0.3193, 0.3221

Tritanomaly

59.7953, 0.3034, 0.3173

Monochromacy



Original Color

59.6875, 0.3089, 0.3290

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5802, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6875, 0.3089, 0.3290 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, 204, 204)` looks like.

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

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, 204, 204) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 59.6875, 0.3089, 0.3290 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, 204, 204) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 59.6875, 0.3089, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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