

Converting Colors

$Yxy(59.6509, 0.3089, 0.3247)$

Have a look what the booklet for
Yxy(59.6509, 0.3089, 0.3247)
contains.

Yxy(59.6344, 0.3084, 0.3243)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.6344, 0.3084, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	C9CBCF
RGB	201, 203, 207
RGB Percent	79%, 80%, 81%
CMY	0.2116, 0.2039, 0.1883
CMYK	0.03, 0.02, 0.00, 0.19
HSL	220°, 6%, 80%
HSV	220°, 3%, 81%
XYZ	56.7106, 59.6344, 67.5415
YIQ	202.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

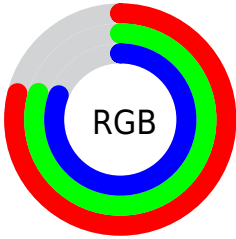
Format	Color
R _Y B	201, 203, 207
Decimal	13224911
CIE Lab	81.64, 0.07, -2.23
CIE LCh	82, 2.227, 271.904
Yxy	59.6344, 0.3084, 0.3243
Android (android.graphics.Color)	4291414991 (0xFFC9CBCF)
YUV	202.8580, 2.0420, -1.6295
Hunter-Lab	77.2233, -4.0555, 2.1997

Details

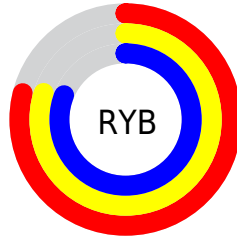
The Yxy color **59.6344, 0.3084, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1541, 0.3170, 0.3337**, and the grayscale version is **59.6190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.9978, 0.3069, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **50.6982, 0.2926, 0.3066**, and if you desaturate by 10%, it is **69.5483, 0.3230, 0.3399**.

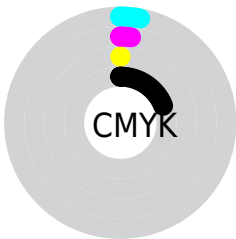
Distribution



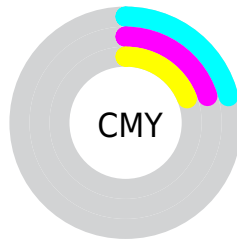
- Red (79%)
- Green (80%)
- Blue (81%)



- Red (79%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6344, 0.3084, 0.3243 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 59.6344, 0.3084, 0.3243 by changing the saturation by 10% instead.

■ 59.6344, 0.3084,
0.3243

■ 59.6344, 0.3084,
0.3243

423.2489, 0.3105,
0.3266

■ 43.1240, 0.3079,
0.3238

104.2991, 0.3091,
0.3251

■ 29.9824, 0.3073,
0.3231

133.2223, 0.3094,
0.3254

■ 19.8253, 0.3065,
0.3222

167.0518, 0.3097,
0.3257

■ 12.2681, 0.3054,
0.3210

206.1721, 0.3099,
0.3259

■ 6.9265, 0.3039,
0.3194

250.9676, 0.3100,
0.3261

■ 3.4162, 0.3015,
0.3168

301.8226, 0.3102,

■ 1.3527, 0.2975,

0.3263

0.3124

359.1215, 0.3103,
0.3264

0.1815, 0.2458,
0.2560

0.0000, 0.0000,
0.0000

59.6344, 0.3084,
0.3243

59.6344, 0.3084,
0.3243

50.6982, 0.2926,
0.3066

69.5483, 0.3230,
0.3399

42.7013, 0.2759,
0.2868

80.4615, 0.3364,
0.3537

35.6142, 0.2583,
0.2650

90.8298, 0.3430,
0.3663

29.4024, 0.2403,
0.2413

97.2842, 0.3412,
0.3761

■ 24.0296, 0.2225,
0.2163

■ 19.4562, 0.2056,
0.1905

■ 15.6394, 0.1904,
0.1650

■ 12.5314, 0.1777,
0.1409

■ 10.0774, 0.1680,
0.1193

Harmonies

Analogous

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



59.6344, 0.3072, 0.3257



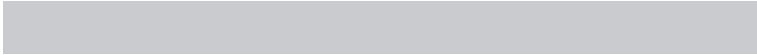
59.6344, 0.3084, 0.3243



59.6344, 0.3107, 0.3242

Triad

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



59.6344, 0.3084, 0.3243



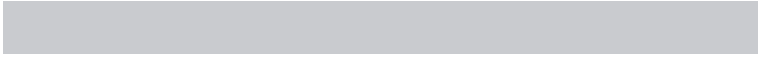
59.6344, 0.3180, 0.3301



59.6344, 0.3118, 0.3327

Complementary

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



59.6344, 0.3084, 0.3243



61.1541, 0.3170, 0.3337

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.



59.6344, 0.3147, 0.3339



59.6344, 0.3084, 0.3243



59.6344, 0.3183, 0.3324

Square

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



59.6344, 0.3084, 0.3243



59.6344, 0.3163, 0.3275



59.6344, 0.3171, 0.3338



59.6344, 0.3092, 0.3305

Rectangle

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



59.6344, 0.3084, 0.3243



59.6344, 0.3127, 0.3249



59.6344, 0.3171, 0.3338



59.6344, 0.3128, 0.3332

Sweetspot

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



59.6369, 0.3084, 0.3243



98.4342, 0.3112, 0.3274



61.4476, 0.3096, 0.3313



21.0855, 0.3113, 0.3274



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

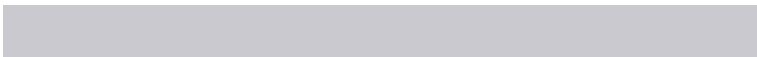
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6369, 0.3084, 0.3243



95.3508, 0.3082, 0.3240



58.8536, 0.3092, 0.3220



13.1943, 0.3070, 0.3228



5.6213, 0.1634, 0.1082



0.4585, 0.1738, 0.1458

Inverse Universe

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



59.3639, 0.3159, 0.3267



94.8900, 0.3161, 0.3266



61.9569, 0.3161, 0.3359



13.1155, 0.3170, 0.3260



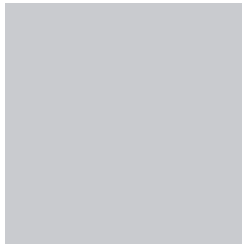
8.6387, 0.5636, 0.2879



0.4976, 0.5114, 0.2591

Previews

White Background



This preview shows how the Yxy color 59.6344, 0.3084, 0.3243 looks on a white background.

Color Contrast Check

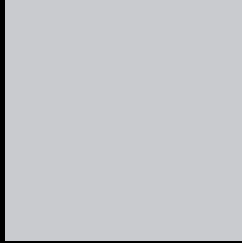
Large Text (above 18pt) WCAG AA × Fail

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 59.6344, 0.3084, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

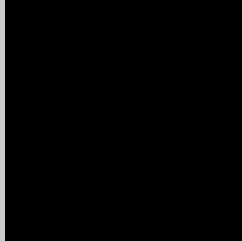
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

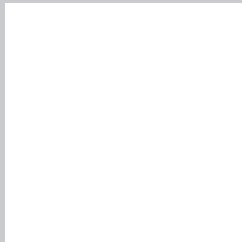
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6344, 0.3084, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 59.6344, 0.3084, 0.3243.

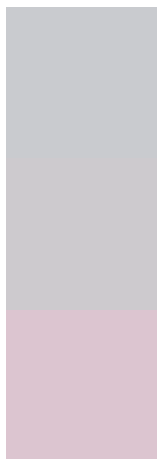


This preview shows how white text looks on a background with the Yxy color 59.6344, 0.3084, 0.3243.

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

59.6344, 0.3084, 0.3243

Protanopia

59.6764, 0.3122, 0.3243

Deuteranopia

59.7022, 0.3228, 0.3166



Tritanopia

59.4796, 0.3029, 0.3105

Trichromacy



Original Color

59.6344, 0.3084, 0.3243

Protanomaly

59.5347, 0.3114, 0.3243

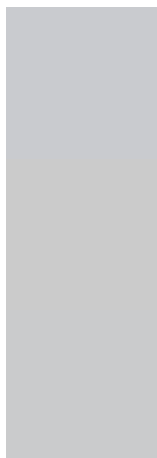
Deuteranomaly

59.5470, 0.3171, 0.3187

Tritanomaly

59.6017, 0.3050, 0.3162

Monochromacy



Original Color

59.6344, 0.3084, 0.3243

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6281, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6344, 0.3084, 0.3243 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(201, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 207)  
}
```

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(201, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 207) }
```

Border

The CSS property to change the border of an element to Yxy 59.6344, 0.3084, 0.3243 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(201, 203, 207) }
```

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

```
.border{ border-color:rgb(201, 203, 207) }
```

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

Here you see how a box with a 4 pixel rgb(201, 203, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6344, 0.3084, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 207) }
```

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

```
.background{ background-color: rgb(201,  
203, 207) }
```

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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