

Converting Colors

Yxy(59.5363, 0.3138, 0.3171)

Have a look what the booklet for
Yxy(59.5363, 0.3138, 0.3171)
contains.

Yxy(59.8106, 0.3140, 0.3175)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.8106, 0.3140, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	D3C8D2
RGB	211, 200, 210
RGB Percent	83%, 78%, 82%
CMY	0.1726, 0.2157, 0.1764
CMYK	0.00, 0.05, 0.00, 0.17
HSL	305°, 11%, 81%
HSV	305°, 5%, 83%
XYZ	59.1513, 59.8106, 69.4180
YIQ	204.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

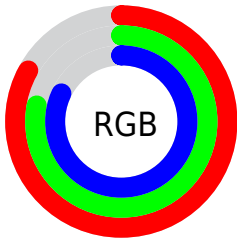
Format	Color
R _Y B	211, 200, 210
Decimal	13879506
CIE Lab	81.74, 5.61, -3.63
CIE LCh	82, 6.683, 327.146
Yxy	59.8106, 0.3140, 0.3175
Android (android.graphics.Color)	4292069586 (0xFFD3C8D2)
YUV	204.4290, 2.7465, 5.7628
Hunter-Lab	77.3373, 1.1850, 0.9174

Details

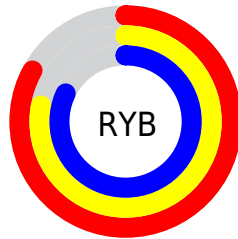
The Yxy color **59.8106, 0.3140, 0.3175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0787, 0.3115, 0.3408**, and the grayscale version is **60.6512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0260, 0.3134, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **50.6134, 0.3167, 0.2948**, and if you desaturate by 10%, it is **70.3626, 0.3116, 0.3393**.

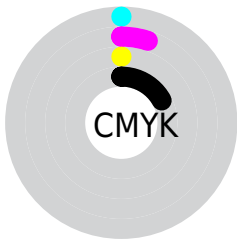
Distribution



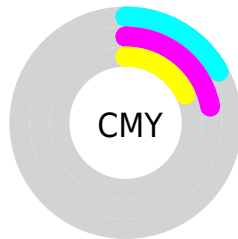
- Red (83%)
- Green (78%)
- Blue (82%)



- Red (83%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8106, 0.3140, 0.3175 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 59.8106, 0.3140, 0.3175 by changing the saturation by 10% instead.

■ 59.8106, 0.3140,
0.3175

■ 59.8106, 0.3140,
0.3175

423.8993, 0.3134,
0.3230

■ 43.2660, 0.3141,
0.3162

104.5549, 0.3138,
0.3194

■ 30.0939, 0.3143,
0.3146

133.5233, 0.3137,
0.3202

■ 19.9099, 0.3145,
0.3125

167.4018, 0.3136,
0.3208

■ 12.3295, 0.3148,
0.3097

206.5748, 0.3136,
0.3214

■ 6.9685, 0.3152,
0.3059

251.4267, 0.3135,
0.3218

■ 3.4424, 0.3157,
0.3000

302.3418, 0.3135,

■ 1.3668, 0.3165,

0.3223

0.2902

359.7045, 0.3134,
0.3226

0.1921, 0.3280,
0.1972

0.0000, 0.0000,
0.0000

59.8106, 0.3140,
0.3175

59.8106, 0.3140,
0.3175

50.6134, 0.3167,
0.2948

70.3626, 0.3116,
0.3393

42.7084, 0.3197,
0.2718

82.3135, 0.3095,
0.3600

36.0396, 0.3229,
0.2491

90.3024, 0.3080,
0.3710

30.5437, 0.3263,
0.2276

90.3981, 0.3069,
0.3690

■ 26.1521, 0.3299,
0.2082

■ 90.4948, 0.3059,
0.3669

■ 22.7887, 0.3334,
0.1920

■ 90.5926, 0.3049,
0.3649

■ 20.3682, 0.3369,
0.1796

■ 90.6915, 0.3039,
0.3629

■ 18.7912, 0.3401,
0.1716

■ 90.7915, 0.3028,
0.3609

■ 17.9366, 0.3431,
0.1679

■ 90.8926, 0.3018,
0.3589

Harmonies

Analogous

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



59.8106, 0.3055, 0.3145



59.8106, 0.3140, 0.3175



59.8106, 0.3223, 0.3235

Triad

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



59.8106, 0.3140, 0.3175



59.8106, 0.3266, 0.3428



59.8106, 0.2977, 0.3268

Complementary

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



59.8106, 0.3140, 0.3175



63.0787, 0.3115, 0.3408

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.



59.8106, 0.3032, 0.3346



59.8106, 0.3140, 0.3175



59.8106, 0.3198, 0.3439

Square

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



59.8106, 0.3140, 0.3175



59.8106, 0.3296, 0.3380



59.8106, 0.3113, 0.3409



59.8106, 0.2961, 0.3197

Rectangle

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



59.8106, 0.3140, 0.3175



59.8106, 0.3265, 0.3284



59.8106, 0.3113, 0.3409



59.8106, 0.2991, 0.3294

Sweetspot

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



59.8132, 0.3140, 0.3175



96.7604, 0.3132, 0.3246



58.4205, 0.3056, 0.3161



20.7446, 0.3132, 0.3248



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.



59.8132, 0.3140, 0.3175



90.5379, 0.3142, 0.3156



59.5462, 0.3180, 0.3237



12.5660, 0.3144, 0.3144



10.6773, 0.3440, 0.1669



0.6024, 0.3393, 0.1643

Inverse Universe

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



59.8132, 0.3140, 0.3175



90.5379, 0.3142, 0.3156



63.3396, 0.3077, 0.3343



12.5660, 0.3144, 0.3144



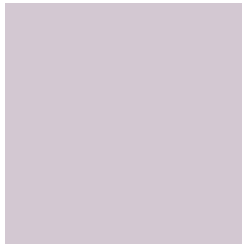
10.6773, 0.3440, 0.1669



0.6024, 0.3393, 0.1643

Previews

White Background



This preview shows how the Yxy color 59.8106, 0.3140, 0.3175 looks on a white background.

Color Contrast Check

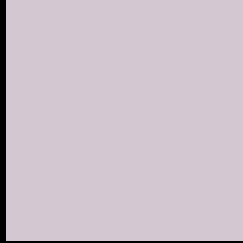
Large Text (above 18pt) WCAG AA × Fail

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 59.8106, 0.3140, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

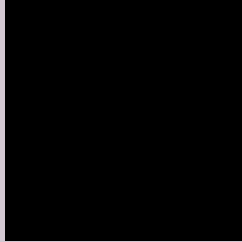
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

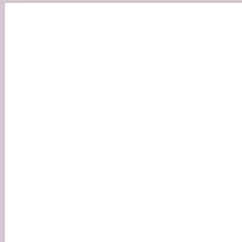
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8106, 0.3140, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 59.8106, 0.3140, 0.3175.

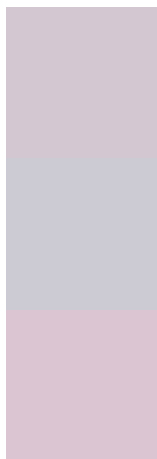


This preview shows how white text looks on a background with the Yxy color 59.8106, 0.3140, 0.3175.

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

59.8106, 0.3140, 0.3175

Protanopia

59.7816, 0.3079, 0.3185

Deuteranopia

59.6957, 0.3198, 0.3132



Tritanopia

59.7502, 0.3112, 0.3108

Trichromacy



Original Color

59.8106, 0.3140, 0.3175

Protanomaly

59.7418, 0.3102, 0.3174

Deuteranomaly

59.6902, 0.3173, 0.3143

Tritanomaly

59.6480, 0.3127, 0.3130

Monochromacy



Original Color

59.8106, 0.3140, 0.3175

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4335, 0.3136, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8106, 0.3140, 0.3175 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(211, 200, 210)` looks like.

```
.text, #text, p{  
    color:rgb(211, 200, 210)  
}
```

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(211, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 200, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.8106, 0.3140, 0.3175 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(211, 200, 210) }
```

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

```
.border{ border-color:rgb(211, 200, 210) }
```

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

Here you see how a box with a 4 pixel rgb(211, 200, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(211, 200,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8106, 0.3140, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 200, 210) }
```

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

```
.background{ background-color: rgb(211,  
200, 210) }
```

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