

Converting Colors

Yxy(59.4137, 0.3131, 0.3209)

Have a look what the booklet for
Yxy(59.4137, 0.3131, 0.3209)
contains.

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Color

Yxy(59.6882, 0.3138, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	D0C9CF
RGB	208, 201, 207
RGB Percent	82%, 79%, 81%
CMY	0.1845, 0.2117, 0.1883
CMYK	0.00, 0.03, 0.00, 0.18
HSL	308°, 7%, 80%
HSV	308°, 3%, 82%
XYZ	58.1501, 59.6882, 67.4712
YIQ	203.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

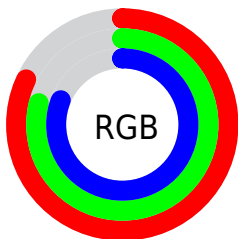
Format	Color
R _Y B	208, 201, 207
Decimal	13683151
CIE Lab	81.67, 3.48, -2.12
CIE LCh	82, 4.072, 328.693
Yxy	59.6882, 0.3138, 0.3221
Android (android.graphics.Color)	4291873231 (0xFFD0C9CF)
YUV	203.7770, 1.5889, 3.7036
Hunter-Lab	77.2581, -0.8496, 2.3015

Details

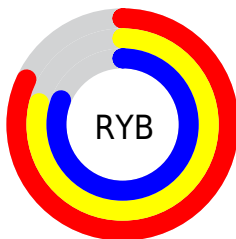
The Yxy color **59.6882, 0.3138, 0.3221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7764, 0.3117, 0.3360**, and the grayscale version is **60.2215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0374, 0.3142, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **50.4984, 0.3174, 0.3008**, and if you desaturate by 10%, it is **70.1984, 0.3107, 0.3424**.

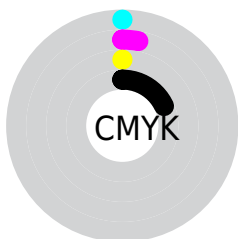
Distribution



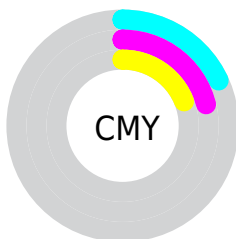
- Red (82%)
- Green (79%)
- Blue (81%)



- Red (82%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6882, 0.3138, 0.3221 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 59.6882, 0.3138, 0.3221 by changing the saturation by 10% instead.

■ 59.6882, 0.3138,
0.3221

■ 59.6882, 0.3138,
0.3221

423.4475, 0.3133,
0.3254

■ 43.1674, 0.3139,
0.3213

104.3772, 0.3136,
0.3233

■ 30.0165, 0.3141,
0.3203

133.3142, 0.3136,
0.3237

■ 19.8511, 0.3143,
0.3191

167.1587, 0.3135,
0.3241

■ 12.2868, 0.3145,
0.3174

206.2951, 0.3134,
0.3244

■ 6.9393, 0.3149,
0.3150

251.1078, 0.3134,
0.3247

■ 3.4242, 0.3154,
0.3114

301.9811, 0.3134,

■ 1.3570, 0.3162,

0.3250

359.2996, 0.3133,
0.3252

0.3052

0.1847, 0.3280,
0.2326

0.0000, 0.0000,
0.0000

59.6882, 0.3138,
0.3221

59.6882, 0.3138,
0.3221

50.4984, 0.3174,
0.3008

70.1984, 0.3107,
0.3424

42.5691, 0.3214,
0.2791

82.0709, 0.3080,
0.3615

35.8467, 0.3259,
0.2574

89.8721, 0.3060,
0.3709

30.2713, 0.3308,
0.2366

90.0257, 0.3043,
0.3677

■ 25.7777, 0.3361,
0.2176

■ 90.1821, 0.3027,
0.3644

■ 22.2939, 0.3415,
0.2013

■ 90.3411, 0.3011,
0.3612

■ 19.7395, 0.3470,
0.1888

■ 90.5030, 0.2995,
0.3580

■ 18.0216, 0.3523,
0.1805

■ 90.6677, 0.2979,
0.3548

■ 17.0283, 0.3574,
0.1767

■ 90.8351, 0.2963,
0.3516

Harmonies

Analogous

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



59.6882, 0.3086, 0.3202



59.6882, 0.3138, 0.3221



59.6882, 0.3188, 0.3258

Triad

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



59.6882, 0.3138, 0.3221



59.6882, 0.3210, 0.3375



59.6882, 0.3034, 0.3275

Complementary

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



59.6882, 0.3138, 0.3221



61.7764, 0.3117, 0.3360

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.



59.6882, 0.3067, 0.3322



59.6882, 0.3138, 0.3221



59.6882, 0.3168, 0.3380

Square

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



59.6882, 0.3138, 0.3221



59.6882, 0.3230, 0.3347



59.6882, 0.3116, 0.3361



59.6882, 0.3026, 0.3232

Rectangle

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



59.6882, 0.3138, 0.3221



59.6882, 0.3213, 0.3289



59.6882, 0.3116, 0.3361



59.6882, 0.3042, 0.3291

Sweetspot

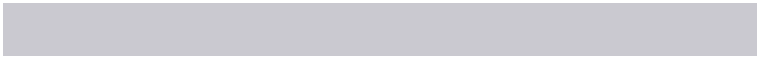
The Sweet Spot groups the original color and five complimentary colors.



59.6908, 0.3138, 0.3221



98.3605, 0.3130, 0.3269



58.8841, 0.3085, 0.3208



21.0705, 0.3130, 0.3270



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.



59.6908, 0.3138, 0.3221



93.5711, 0.3140, 0.3206



59.5257, 0.3163, 0.3261



12.9566, 0.3143, 0.3192



10.3855, 0.3600, 0.1757



0.5888, 0.3517, 0.1711

Inverse Universe

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



59.6908, 0.3138, 0.3221



93.5711, 0.3140, 0.3206



61.9398, 0.3093, 0.3320



12.9566, 0.3143, 0.3192



10.3855, 0.3600, 0.1757



0.5888, 0.3517, 0.1711

Previews

White Background



This preview shows how the Yxy color 59.6882, 0.3138, 0.3221 looks on a white background.

Color Contrast Check

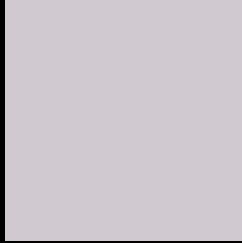
Large Text (above 18pt) WCAG AA × Fail

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 59.6882, 0.3138, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

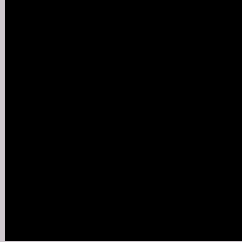
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

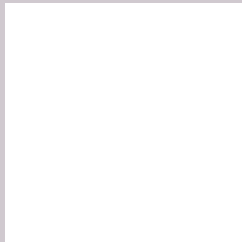
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6882, 0.3138, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 59.6882, 0.3138, 0.3221.

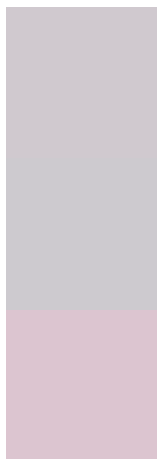


This preview shows how white text looks on a background with the Yxy color 59.6882, 0.3138, 0.3221.

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

59.6882, 0.3138, 0.3221

Protanopia

59.7252, 0.3115, 0.3232

Deuteranopia

59.7022, 0.3228, 0.3166



Tritanopia

59.7702, 0.3089, 0.3118

Trichromacy



Original Color

59.6882, 0.3138, 0.3221

Protanomaly

59.8679, 0.3122, 0.3232

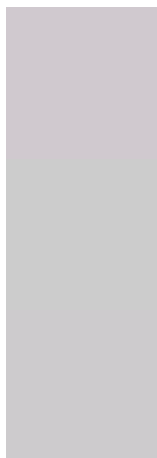
Deuteranomaly

59.5412, 0.3195, 0.3176

Tritanomaly

59.6173, 0.3110, 0.3152

Monochromacy



Original Color

59.6882, 0.3138, 0.3221

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0988, 0.3128, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6882, 0.3138, 0.3221 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(208, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 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(208, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 207) }
```

Border

The CSS property to change the border of an element to Yxy 59.6882, 0.3138, 0.3221 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(208, 201, 207) }
```

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

```
.border{ border-color:rgb(208, 201, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6882, 0.3138, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 207) }
```

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

```
.background{ background-color: rgb(208,  
201, 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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