

Converting Colors

Yxy(59.8067, 0.3139, 0.3105)

Have a look what the booklet for
Yxy(59.8067, 0.3139, 0.3105)
contains.

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Color

Yxy(59.7415, 0.3136, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	D7C6D7
RGB	215, 198, 215
RGB Percent	84%, 78%, 84%
CMY	0.1570, 0.2235, 0.1569
CMYK	0.00, 0.08, 0.00, 0.16
HSL	300°, 17%, 81%
HSV	300°, 8%, 84%
XYZ	60.4743, 59.7415, 72.6231
YIQ	205.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

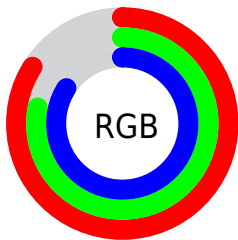
Format	Color
RYB	215, 198, 215
Decimal	14141143
CIELab	81.70, 8.94, -6.30
CIElCh	82, 10.933, 324.815
Yxy	59.7415, 0.3136, 0.3098
Android (android.graphics.Color)	4292331223 (0xFFD7C6D7)
YUV	205.0210, 4.9196, 8.7516
Hunter-Lab	77.2926, 4.3975, -1.6033

Details

The Yxy color **59.7415, 0.3136, 0.3098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6828, 0.3118, 0.3490**, and the grayscale version is **61.0287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.9582, 0.3138, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **50.5982, 0.3147, 0.2849**, and if you desaturate by 10%, it is **70.2849, 0.3125, 0.3340**.

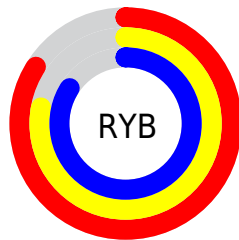
Distribution



Red (84%)

Green (78%)

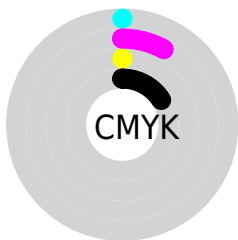
Blue (84%)



Red (84%)

Yellow (78%)

Blue (84%)

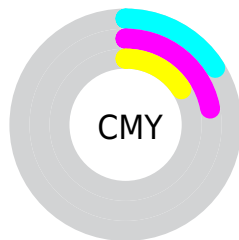


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7415, 0.3136, 0.3098 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 59.7415, 0.3136, 0.3098 by changing the saturation by 10% instead.

■ 59.7415, 0.3136,
0.3098

■ 59.7415, 0.3136,
0.3098

423.6443, 0.3132,
0.3189

■ 43.2103, 0.3137,
0.3077

104.4546, 0.3135,
0.3130

■ 30.0502, 0.3138,
0.3050

133.4053, 0.3134,
0.3142

■ 19.8767, 0.3138,
0.3016

167.2646, 0.3134,
0.3153

■ 12.3054, 0.3139,
0.2971

206.4169, 0.3134,
0.3162

■ 6.9520, 0.3140,
0.2908

251.2467, 0.3133,
0.3170

■ 3.4321, 0.3141,
0.2814

302.1382, 0.3133,

■ 1.3613, 0.3140,

0.3177

0.2660

359.4760, 0.3133,
0.3183

0.1879, 0.3226,
0.1528

0.0000, 0.0000,
0.0000

59.7415, 0.3136,
0.3098

59.7415, 0.3136,
0.3098

50.5982, 0.3147,
0.2849

70.2849, 0.3125,
0.3340

42.7889, 0.3159,
0.2600

82.2756, 0.3114,
0.3571

36.2535, 0.3170,
0.2359

90.8796, 0.3108,
0.3713

30.9245, 0.3180,
0.2136

90.8837, 0.3108,
0.3713

■ 26.7279, 0.3189,
0.1940

■ 90.8878, 0.3108,
0.3713

■ 23.5820, 0.3196,
0.1779

■ 90.8920, 0.3108,
0.3713

■ 21.3938, 0.3201,
0.1660

■ 90.8961, 0.3108,
0.3713

■ 20.0542, 0.3204,
0.1583

■ 90.9003, 0.3109,
0.3713

■ 19.4083, 0.3206,
0.1546

■ 90.9044, 0.3109,
0.3713

Harmonies

Analogous

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



59.7415, 0.2998, 0.3054



59.7415, 0.3136, 0.3098



59.7415, 0.3274, 0.3191

Triad

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



59.7415, 0.3136, 0.3098



59.7415, 0.3361, 0.3511



59.7415, 0.2887, 0.3263

Complementary

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



59.7415, 0.3136, 0.3098



64.6828, 0.3118, 0.3490

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.



59.7415, 0.2980, 0.3392



59.7415, 0.3136, 0.3098



59.7415, 0.3253, 0.3537

Square

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



59.7415, 0.3136, 0.3098



59.7415, 0.3405, 0.3427



59.7415, 0.3114, 0.3494



59.7415, 0.2857, 0.3145

Rectangle

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



59.7415, 0.3136, 0.3098



59.7415, 0.3347, 0.3269



59.7415, 0.3114, 0.3494



59.7415, 0.2912, 0.3306

Sweetspot

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



59.7441, 0.3136, 0.3098



96.7879, 0.3129, 0.3241



57.4403, 0.3006, 0.3093



20.7502, 0.3129, 0.3244



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.



59.7441, 0.3136, 0.3098



86.2158, 0.3137, 0.3069



59.3363, 0.3196, 0.3190



12.6319, 0.3138, 0.3060



11.5513, 0.3206, 0.1540



0.6970, 0.3207, 0.1540

Inverse Universe

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



58.9209, 0.3262, 0.3290



84.8321, 0.3285, 0.3290



65.0687, 0.3063, 0.3392



12.4211, 0.3291, 0.3290



8.6416, 0.6399, 0.3299



0.5213, 0.6395, 0.3296

Previews

White Background



This preview shows how the Yxy color 59.7415, 0.3136, 0.3098 looks on a white background.

Color Contrast Check

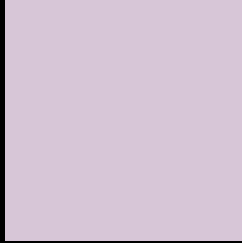
Large Text (above 18pt) WCAG AA × Fail

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 59.7415, 0.3136, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

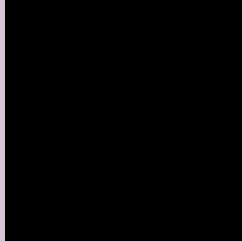
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

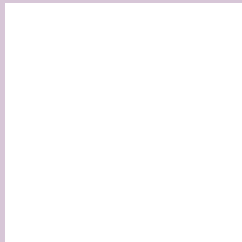
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7415, 0.3136, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 59.7415, 0.3136, 0.3098.



This preview shows how white text looks on a background with the Yxy color 59.7415, 0.3136, 0.3098.

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

59.7415, 0.3136, 0.3098

Protanopia

59.9473, 0.3029, 0.3116

Deuteranopia

59.5905, 0.3152, 0.3087



Tritanopia

59.6903, 0.3143, 0.3109

Trichromacy



Original Color

59.7415, 0.3136, 0.3098

Protanomaly

59.9966, 0.3066, 0.3118

Deuteranomaly

59.4377, 0.3145, 0.3087

Tritanomaly

59.6903, 0.3143, 0.3109

Monochromacy



Original Color

59.7415, 0.3136, 0.3098

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3998, 0.3131, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7415, 0.3136, 0.3098 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(215, 198, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 198, 215)  
}
```

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(215, 198, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 198, 215) }
```

Border

The CSS property to change the border of an element to Yxy 59.7415, 0.3136, 0.3098 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(215, 198, 215) }
```

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

```
.border{ border-color:rgb(215, 198, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 198, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 198,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7415, 0.3136, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 198, 215) }
```

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

```
.background{ background-color: rgb(215,  
198, 215) }
```

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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