

Converting Colors

$Y_{xy}(59.6420, 0.3175, 0.3110)$

Have a look what the booklet for
Yxy(59.6420, 0.3175, 0.3110)
contains.

Yxy(59.6420, 0.3175, 0.3110)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.6420, 0.3175, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	DAC5D5
RGB	218, 197, 213
RGB Percent	85%, 77%, 84%
CMY	0.1451, 0.2274, 0.1648
CMYK	0.00, 0.10, 0.02, 0.15
HSL	314°, 22%, 81%
HSV	314°, 10%, 85%
XYZ	60.8885, 59.6420, 71.2444
YIQ	205.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

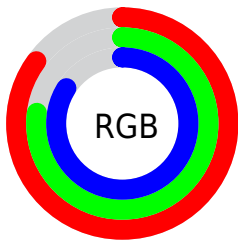
Format	Color
R _Y B	218, 197, 213
Decimal	14337493
CIE Lab	81.64, 10.15, -5.28
CIE LCh	82, 11.441, 332.512
Yxy	59.6420, 0.3175, 0.3110
Android (android.graphics.Color)	4292527573 (0xFFDAC5D5)
YUV	205.1030, 3.8932, 11.3107
Hunter-Lab	77.2282, 5.5841, -0.6363

Details

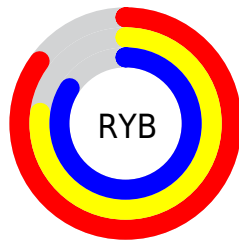
The Yxy color **59.6420, 0.3175, 0.3110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2800, 0.3083, 0.3477**, and the grayscale version is **61.0917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.9001, 0.3190, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **50.1893, 0.3233, 0.2916**, and if you desaturate by 10%, it is **70.5400, 0.3125, 0.3297**.

Distribution



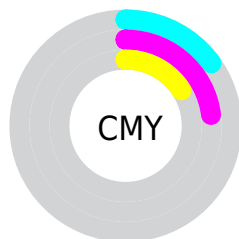
- Red (85%)
- Green (77%)
- Blue (84%)



- Red (85%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6420, 0.3175, 0.3110 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 59.6420, 0.3175, 0.3110 by changing the saturation by 10% instead.

■ 59.6420, 0.3175,
0.3110

■ 59.6420, 0.3175,
0.3110

423.2769, 0.3153,
0.3195

■ 43.1301, 0.3180,
0.3090

104.3102, 0.3167,
0.3140

■ 29.9872, 0.3187,
0.3065

133.2353, 0.3164,
0.3151

■ 19.8289, 0.3195,
0.3033

167.0669, 0.3162,
0.3161

■ 12.2707, 0.3205,
0.2991

206.1895, 0.3159,
0.3170

■ 6.9283, 0.3220,
0.2932

250.9874, 0.3157,
0.3177

■ 3.4173, 0.3242,
0.2843

301.8450, 0.3156,

■ 1.3533, 0.3277,

0.3184

0.2698

359.1467, 0.3154,
0.3190

0.1819, 0.3596,
0.1555

0.0000, 0.0000,
0.0000

59.6420, 0.3175,
0.3110

59.6420, 0.3175,
0.3110

50.1893, 0.3233,
0.2916

70.5400, 0.3125,
0.3297

42.1129, 0.3299,
0.2719

82.9331, 0.3083,
0.3473

35.3497, 0.3375,
0.2526

92.0608, 0.3049,
0.3564

29.8286, 0.3458,
0.2344

92.3554, 0.3021,
0.3509

■ 25.4720, 0.3549,
0.2185

■ 92.6588, 0.2992,
0.3454

■ 22.1932, 0.3644,
0.2058

■ 92.9710, 0.2964,
0.3400

■ 19.8935, 0.3741,
0.1973

■ 93.2922, 0.2935,
0.3346

■ 18.4560, 0.3837,
0.1935

■ 93.6224, 0.2908,
0.3293

■ 17.6811, 0.3929,
0.1940

■ 93.6457, 0.2906,
0.3289

Harmonies

Analogous

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



59.6420, 0.3027, 0.3049



59.6420, 0.3175, 0.3110



59.6420, 0.3313, 0.3216

Triad

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



59.6420, 0.3175, 0.3110



59.6420, 0.3348, 0.3535



59.6420, 0.2861, 0.3227

Complementary

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



59.6420, 0.3175, 0.3110



66.2800, 0.3083, 0.3477

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.



59.6420, 0.2943, 0.3363



59.6420, 0.3175, 0.3110



59.6420, 0.3223, 0.3544

Square

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



59.6420, 0.3175, 0.3110



59.6420, 0.3414, 0.3460



59.6420, 0.3075, 0.3481



59.6420, 0.2848, 0.3112

Rectangle

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



59.6420, 0.3175, 0.3110



59.6420, 0.3379, 0.3300



59.6420, 0.3075, 0.3481



59.6420, 0.2881, 0.3271

Sweetspot

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



59.6446, 0.3175, 0.3110



95.0987, 0.3141, 0.3234



57.5409, 0.3015, 0.3046



20.0817, 0.3145, 0.3219



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.



59.6446, 0.3175, 0.3110



81.5448, 0.3189, 0.3063



59.1341, 0.3253, 0.3227



13.2189, 0.3174, 0.3114



10.5955, 0.3919, 0.1933



0.6995, 0.3780, 0.1856

Inverse Universe

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



59.6446, 0.3175, 0.3110



81.5448, 0.3189, 0.3063



66.7886, 0.3015, 0.3354



13.2189, 0.3174, 0.3114



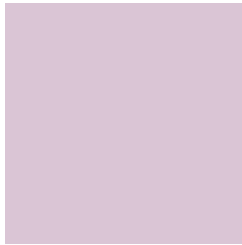
10.5955, 0.3919, 0.1933



0.6995, 0.3780, 0.1856

Previews

White Background



This preview shows how the Yxy color 59.6420, 0.3175, 0.3110 looks on a white background.

Color Contrast Check

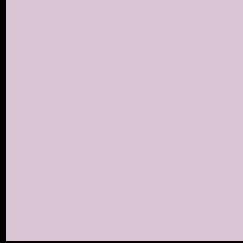
Large Text (above 18pt) WCAG AA × Fail

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 59.6420, 0.3175, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

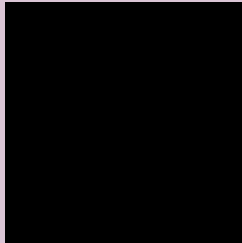
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

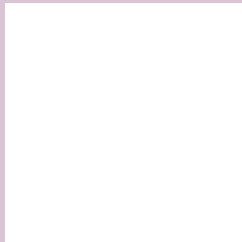
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6420, 0.3175, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 59.6420, 0.3175, 0.3110.



This preview shows how white text looks on a background with the Yxy color 59.6420, 0.3175, 0.3110.

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

59.6420, 0.3175, 0.3110

Protanopia

59.8954, 0.3036, 0.3128

Deuteranopia

59.6420, 0.3175, 0.3110



Tritanopia

59.6420, 0.3175, 0.3110

Trichromacy



Original Color

59.6420, 0.3175, 0.3110

Protanomaly

59.6247, 0.3081, 0.3118

Deuteranomaly

59.6420, 0.3175, 0.3110

Tritanomaly

59.6420, 0.3175, 0.3110

Monochromacy



Original Color

59.6420, 0.3175, 0.3110

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4968, 0.3146, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6420, 0.3175, 0.3110 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(218, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(218, 197, 213)  
}
```

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(218, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 197, 213) }
```

Border

The CSS property to change the border of an element to Yxy 59.6420, 0.3175, 0.3110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

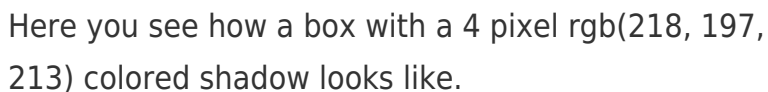
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 197, 213) }
```

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

```
.border{ border-color:rgb(218, 197, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 197, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 197, 213); box-shadow:4px 4px 4px 4px rgb(218, 197, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6420, 0.3175, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 197, 213) }
```

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

```
.background{ background-color: rgb(218,  
197, 213) }
```

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