

Converting Colors

Yxy(58.8233, 0.3176, 0.3119)

Have a look what the booklet for
Yxy(58.8233, 0.3176, 0.3119)
contains.

Yxy(58.7819, 0.3175, 0.3120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.7819, 0.3175, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	D8C4D3
RGB	216, 196, 211
RGB Percent	85%, 77%, 83%
CMY	0.1529, 0.2314, 0.1727
CMYK	0.00, 0.09, 0.02, 0.15
HSL	315°, 20%, 81%
HSV	315°, 9%, 85%
XYZ	59.8181, 58.7819, 69.8035
YIQ	203.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

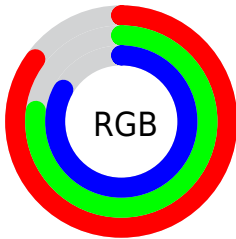
Format	Color
R _{YB}	216, 196, 211
Decimal	14206163
CIE Lab	81.17, 9.64, -4.92
CIE LCh	81, 10.822, 332.987
Yxy	58.7819, 0.3175, 0.3120
Android (android.graphics.Color)	4292396243 (0xFFD8C4D3)
YUV	203.6900, 3.6038, 10.7959
Hunter-Lab	76.6694, 5.0959, -0.3119

Details

The Yxy color **58.7819, 0.3175, 0.3120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0774, 0.3083, 0.3466**, and the grayscale version is **60.1531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.3574, 0.3180, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **49.4621, 0.3235, 0.2929**, and if you desaturate by 10%, it is **69.5191, 0.3124, 0.3303**.

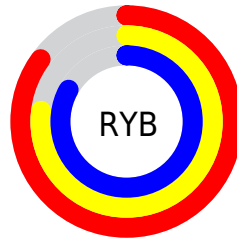
Distribution



Red (85%)

Green (77%)

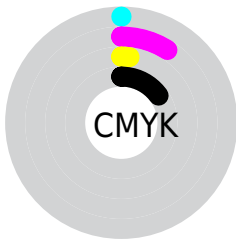
Blue (83%)



Red (85%)

Yellow (77%)

Blue (83%)

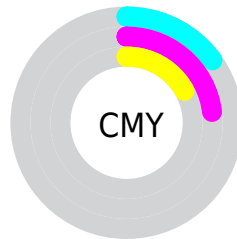


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (15%)



Cyan (15%)

Magenta (23%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7819, 0.3175, 0.3120 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 58.7819, 0.3175, 0.3120 by changing the saturation by 10% instead.

■ 58.7819, 0.3175,
0.3120

■ 58.7819, 0.3175,
0.3120

■ 420.0932, 0.3153,
0.3201

■ 42.4376, 0.3180,
0.3101

■ 103.0606, 0.3167,
0.3148

■ 29.4441, 0.3187,
0.3077

■ 131.7638, 0.3164,
0.3159

■ 19.4170, 0.3195,
0.3047

■ 165.3554, 0.3162,
0.3169

■ 11.9720, 0.3206,
0.3006

■ 204.2198, 0.3159,
0.3177

■ 6.7246, 0.3221,
0.2949

■ 248.7413, 0.3157,
0.3184

■ 3.2905, 0.3244,
0.2864

■ 299.3045, 0.3156,

■ 1.2852, 0.3280,

0.3190

0.2722

356.2937, 0.3154,
0.3196

0.1297, 0.3685,
0.1333

0.0000, 0.0000,
0.0000

58.7819, 0.3175,
0.3120

58.7819, 0.3175,
0.3120

49.4621, 0.3235,
0.2929

69.5191, 0.3124,
0.3303

41.4923, 0.3304,
0.2736

81.7222, 0.3080,
0.3476

34.8110, 0.3383,
0.2545

91.6852, 0.3045,
0.3579

29.3489, 0.3471,
0.2366

91.9912, 0.3015,
0.3521

■ 25.0302, 0.3567,
0.2208

■ 92.3068, 0.2985,
0.3463

■ 21.7707, 0.3668,
0.2081

■ 92.6321, 0.2955,
0.3406

■ 19.4743, 0.3771,
0.1996

■ 92.9672, 0.2926,
0.3350

■ 18.0275, 0.3873,
0.1959

■ 93.3121, 0.2897,
0.3294

■ 17.2439, 0.3972,
0.1965

■ 93.3420, 0.2894,
0.3289

Harmonies

Analogous

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



58.7819, 0.3034, 0.3061



58.7819, 0.3175, 0.3120



58.7819, 0.3305, 0.3222

Triad

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



58.7819, 0.3175, 0.3120



58.7819, 0.3336, 0.3524



58.7819, 0.2873, 0.3228

Complementary

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



58.7819, 0.3175, 0.3120



65.0774, 0.3083, 0.3466

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.



58.7819, 0.2950, 0.3357



58.7819, 0.3175, 0.3120



58.7819, 0.3216, 0.3531

Square

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



58.7819, 0.3175, 0.3120



58.7819, 0.3399, 0.3453



58.7819, 0.3075, 0.3470



58.7819, 0.2862, 0.3120

Rectangle

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



58.7819, 0.3175, 0.3120



58.7819, 0.3368, 0.3302



58.7819, 0.3075, 0.3470



58.7819, 0.2892, 0.3271

Sweetspot

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



58.7845, 0.3175, 0.3120



95.0922, 0.3142, 0.3235



56.8579, 0.3022, 0.3056



20.0799, 0.3146, 0.3221



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.



58.7845, 0.3175, 0.3120



82.9438, 0.3185, 0.3086



58.2999, 0.3250, 0.3233



12.5767, 0.3176, 0.3117



10.1939, 0.3965, 0.1958



0.6278, 0.3807, 0.1871

Inverse Universe

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



58.7845, 0.3175, 0.3120



82.9438, 0.3185, 0.3086



65.5620, 0.3017, 0.3348



12.5767, 0.3176, 0.3117



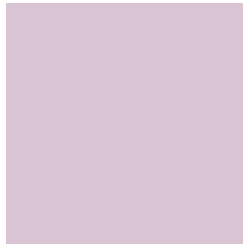
10.1939, 0.3965, 0.1958



0.6278, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 58.7819, 0.3175, 0.3120 looks on a white background.

Color Contrast Check

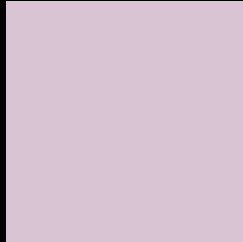
Large Text (above 18pt) WCAG AA × Fail

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 58.7819, 0.3175, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

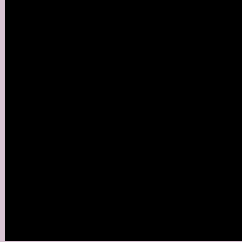
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7819, 0.3175, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 58.7819, 0.3175, 0.3120.



This preview shows how white text looks on a background with the Yxy color 58.7819, 0.3175, 0.3120.

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

58.7819, 0.3175, 0.3120

Protanopia

58.7201, 0.3043, 0.3127

Deuteranopia

58.9347, 0.3183, 0.3120



Tritanopia

58.7819, 0.3175, 0.3120

Trichromacy



Original Color

58.7819, 0.3175, 0.3120

Protanomaly

58.9163, 0.3088, 0.3128

Deuteranomaly

58.9347, 0.3183, 0.3120

Tritanomaly

58.7819, 0.3175, 0.3120

Monochromacy



Original Color

58.7819, 0.3175, 0.3120

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6882, 0.3138, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7819, 0.3175, 0.3120 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(216, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 211)  
}
```

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(216, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 211) }
```

Border

The CSS property to change the border of an element to Yxy 58.7819, 0.3175, 0.3120 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(216, 196, 211) }
```

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

```
.border{ border-color:rgb(216, 196, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7819, 0.3175, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 211) }
```

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

```
.background{ background-color: rgb(216,  
196, 211) }
```

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