

Converting Colors

$Y_{xy}(58.7476, 0.3104, 0.3117)$

Have a look what the booklet for
Yxy(58.7476, 0.3104, 0.3117)
contains.

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Color

Yxy(58.7476, 0.3104, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	D1C6D5
RGB	209, 198, 213
RGB Percent	82%, 78%, 84%
CMY	0.1804, 0.2235, 0.1646
CMYK	0.02, 0.07, 0.00, 0.16
HSL	284°, 15%, 81%
HSV	284°, 7%, 84%
XYZ	58.5026, 58.7476, 71.2246
YIQ	202.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

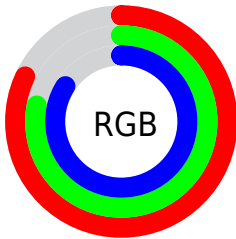
Format	Color
RYB	209, 198, 213
Decimal	13747925
CIELab	81.15, 6.56, -6.11
CIElCh	81, 8.964, 317.026
Yxy	58.7476, 0.3104, 0.3117
Android (android.graphics.Color)	4291938005 (0xFFD1C6D5)
YUV	202.9990, 4.9305, 5.2629
Hunter-Lab	76.6470, 2.1120, -1.4427

Details

The Yxy color **58.7476, 0.3104, 0.3117** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2395, 0.3149, 0.3466**, and the grayscale version is **59.6906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.3837, 0.3106, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **48.8699, 0.3065, 0.2860**, and if you desaturate by 10%, it is **70.0298, 0.3136, 0.3360**.

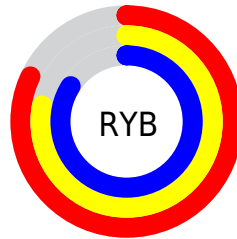
Distribution



Red (82%)

Green (78%)

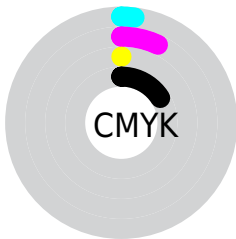
Blue (84%)



Red (82%)

Yellow (78%)

Blue (84%)

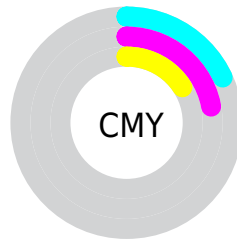


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7476, 0.3104, 0.3117 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 58.7476, 0.3104, 0.3117 by changing the saturation by 10% instead.

■ 58.7476, 0.3104,
0.3117

■ 58.7476, 0.3104,
0.3117

419.9659, 0.3116,
0.3199

■ 42.4100, 0.3101,
0.3098

103.0107, 0.3108,
0.3146

■ 29.4224, 0.3097,
0.3073

131.7050, 0.3110,
0.3157

■ 19.4006, 0.3093,
0.3042

165.2870, 0.3111,
0.3167

■ 11.9601, 0.3086,
0.3001

204.1411, 0.3112,
0.3175

■ 6.7165, 0.3076,
0.2942

248.6516, 0.3113,
0.3182

■ 3.2855, 0.3060,
0.2855

299.2030, 0.3114,

■ 1.2825, 0.3031,

0.3189

0.2708

356.1796, 0.3115,
0.3194

0.1276, 0.2886,
0.1309

0.0000, 0.0000,
0.0000

58.7476, 0.3104,
0.3117

58.7476, 0.3104,
0.3117

48.8699, 0.3065,
0.2860

70.0298, 0.3136,
0.3360

40.3319, 0.3020,
0.2592

82.7626, 0.3162,
0.3585

33.0750, 0.2967,
0.2322

92.5120, 0.3188,
0.3725

27.0332, 0.2907,
0.2057

93.4497, 0.3224,
0.3720

■ 22.1346, 0.2841,
0.1810

■ 94.4183, 0.3261,
0.3716

■ 18.2996, 0.2770,
0.1592

■ 95.4182, 0.3298,
0.3711

■ 15.4381, 0.2698,
0.1412

■ 96.4495, 0.3335,
0.3706

■ 13.4447, 0.2625,
0.1279

■ 97.5126, 0.3373,
0.3701

■ 12.1801, 0.2555,
0.1191

■ 97.5855, 0.3375,
0.3700

Harmonies

Analogous

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



58.7476, 0.2995, 0.3093



58.7476, 0.3104, 0.3117



58.7476, 0.3221, 0.3185

Triad

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



58.7476, 0.3104, 0.3117



58.7476, 0.3335, 0.3458



58.7476, 0.2944, 0.3296

Complementary

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



58.7476, 0.3104, 0.3117



64.2395, 0.3149, 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.



58.7476, 0.3032, 0.3399



58.7476, 0.3104, 0.3117



58.7476, 0.3258, 0.3493

Square

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



58.7476, 0.3104, 0.3117



58.7476, 0.3355, 0.3380



58.7476, 0.3147, 0.3472



58.7476, 0.2904, 0.3194

Rectangle

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



58.7476, 0.3104, 0.3117



58.7476, 0.3287, 0.3247



58.7476, 0.3147, 0.3472



58.7476, 0.2969, 0.3332

Sweetspot

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



58.7501, 0.3104, 0.3117



96.5311, 0.3121, 0.3241



59.1737, 0.3019, 0.3163



20.6980, 0.3121, 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.



58.7501, 0.3104, 0.3117



86.6471, 0.3100, 0.3091



59.1805, 0.3159, 0.3155



12.4578, 0.3095, 0.3057



7.3041, 0.2544, 0.1175



0.4801, 0.2664, 0.1241

Inverse Universe

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



58.8040, 0.3216, 0.3244



86.7427, 0.3231, 0.3237



63.8376, 0.3097, 0.3428



12.4749, 0.3249, 0.3228



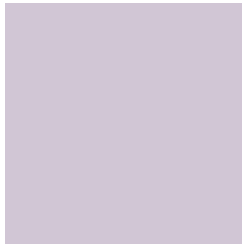
8.8362, 0.5860, 0.3002



0.5468, 0.5359, 0.2726

Previews

White Background



This preview shows how the Yxy color 58.7476, 0.3104, 0.3117 looks on a white background.

Color Contrast Check

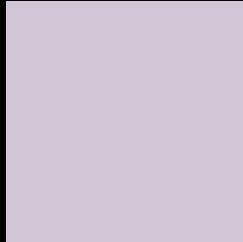
Large Text (above 18pt) WCAG AA × Fail

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 58.7476, 0.3104, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

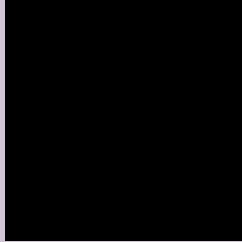
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

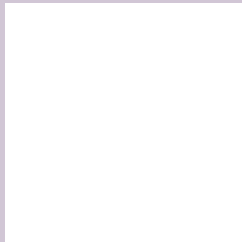
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7476, 0.3104, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 58.7476, 0.3104, 0.3117.

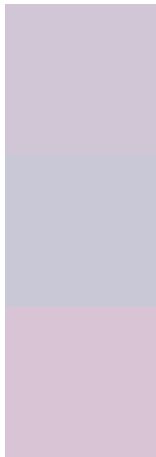


This preview shows how white text looks on a background with the Yxy color 58.7476, 0.3104, 0.3117.

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

58.7476, 0.3104, 0.3117

Protanopia

58.5811, 0.3035, 0.3126

Deuteranopia

58.8829, 0.3160, 0.3097



Tritanopia

58.7985, 0.3097, 0.3106

Trichromacy



Original Color

58.7476, 0.3104, 0.3117

Protanomaly

58.5393, 0.3058, 0.3116

Deuteranomaly

58.8827, 0.3136, 0.3108

Tritanomaly

58.7985, 0.3097, 0.3106

Monochromacy



Original Color

58.7476, 0.3104, 0.3117

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2574, 0.3115, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7476, 0.3104, 0.3117 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(209, 198, 213)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 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(209, 198, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 213) }
```

Border

The CSS property to change the border of an element to Yxy 58.7476, 0.3104, 0.3117 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(209, 198, 213) }
```

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

```
.border{ border-color:rgb(209, 198, 213) }
```

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

Here you see how a box with a 4 pixel rgb(209, 198, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 213);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7476, 0.3104, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 213) }
```

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

```
.background{ background-color: rgb(209,  
198, 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](#).

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