

Converting Colors

Yxy(57.5733, 0.3170, 0.3116)

Have a look what the booklet for
Yxy(57.5733, 0.3170, 0.3116)
contains.

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Color

Yxy(57.4832, 0.3175, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	D6C2D1
RGB	214, 194, 209
RGB Percent	84%, 76%, 82%
CMY	0.1608, 0.2392, 0.1803
CMYK	0.00, 0.09, 0.02, 0.16
HSL	315°, 20%, 80%
HSV	315°, 9%, 84%
XYZ	58.5340, 57.4832, 68.3420
YIQ	201.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

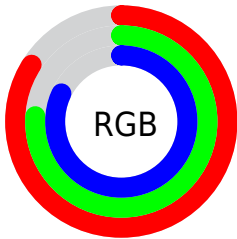
Format	Color
RYB	214, 194, 209
Decimal	14074577
CIELab	80.45, 9.66, -4.95
CIELCh	80, 10.853, 332.888
Yxy	57.4832, 0.3175, 0.3118
Android (android.graphics.Color)	4292264657 (0xFFD6C2D1)
YUV	201.6900, 3.6038, 10.7959
Hunter-Lab	75.8177, 5.1277, -0.3716

Details

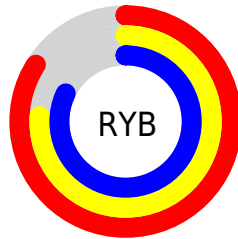
The Yxy color **57.4832, 0.3175, 0.3118** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6877, 0.3083, 0.3468**, and the grayscale version is **58.8354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **28.4937, 0.3181, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **48.3758, 0.3235, 0.2927**, and if you desaturate by 10%, it is **67.9761, 0.3124, 0.3302**.

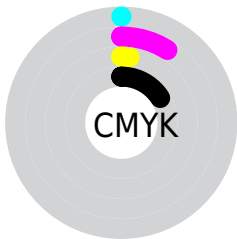
Distribution



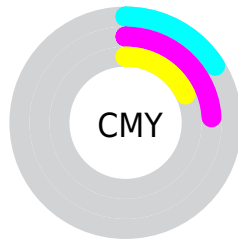
- Red (84%)
- Green (76%)
- Blue (82%)



- Red (84%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4832, 0.3175, 0.3118 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 57.4832, 0.3175, 0.3118 by changing the saturation by 10% instead.

 57.4832, 0.3175,
0.3118

 57.4832, 0.3175,
0.3118

415.2575, 0.3152,
0.3200

 41.3933, 0.3180,
0.3099

 101.1699, 0.3167,
0.3147

 28.6265, 0.3187,
0.3074


129.5355, 0.3164,
0.3158

 18.7985, 0.3195,
0.3043


162.7618, 0.3161,
0.3168

 11.5248, 0.3206,
0.3002

201.2332, 0.3159,
0.3176

 6.4210, 0.3222,
0.2943

245.3340, 0.3157,
0.3183

 3.1027, 0.3245,
0.2854

295.4488, 0.3155,

 1.1856, 0.3282,

0.3189

0.2706

351.9618, 0.3154,
0.3195

0.0499, 0.3863,
0.0680

0.0000, 0.0000,
0.0000

57.4832, 0.3175,
0.3118

57.4832, 0.3175,
0.3118

48.3758, 0.3235,
0.2927

67.9761, 0.3124,
0.3302

40.5881, 0.3303,
0.2733

79.9020, 0.3081,
0.3475

34.0599, 0.3381,
0.2541

91.2543, 0.3045,
0.3605

28.7234, 0.3468,
0.2362

91.5501, 0.3016,
0.3547

24.5046, 0.3563,
0.2204

91.8552, 0.2986,
0.3491

21.3210, 0.3663,
0.2077

92.1695, 0.2957,
0.3434

19.0788, 0.3764,
0.1992

92.4931, 0.2929,
0.3378

17.6669, 0.3865,
0.1954

92.8262, 0.2900,
0.3323

16.9001, 0.3963,
0.1959

93.0367, 0.2883,
0.3289

Harmonies

Analogous

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



57.4832, 0.3033, 0.3059



57.4832, 0.3175, 0.3118



57.4832, 0.3307, 0.3221

Triad

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



57.4832, 0.3175, 0.3118



57.4832, 0.3338, 0.3526



57.4832, 0.2871, 0.3228

Complementary

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



57.4832, 0.3175, 0.3118



63.6877, 0.3083, 0.3468

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.



57.4832, 0.2949, 0.3358



57.4832, 0.3175, 0.3118



57.4832, 0.3218, 0.3533

Square

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



57.4832, 0.3175, 0.3118



57.4832, 0.3402, 0.3455



57.4832, 0.3075, 0.3472



57.4832, 0.2859, 0.3118

Rectangle

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



57.4832, 0.3175, 0.3118



57.4832, 0.3370, 0.3302



57.4832, 0.3075, 0.3472



57.4832, 0.2890, 0.3271

Sweetspot

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



57.4857, 0.3175, 0.3118



95.0936, 0.3142, 0.3235



55.5369, 0.3018, 0.3053



20.0803, 0.3146, 0.3220



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.



57.4857, 0.3175, 0.3118



82.9485, 0.3185, 0.3085



57.0206, 0.3249, 0.3229



12.5773, 0.3175, 0.3117



10.2062, 0.3955, 0.1953



0.6284, 0.3799, 0.1867

Inverse Universe

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



57.4857, 0.3175, 0.3118



82.9485, 0.3185, 0.3085



64.1518, 0.3019, 0.3352



12.5773, 0.3175, 0.3117



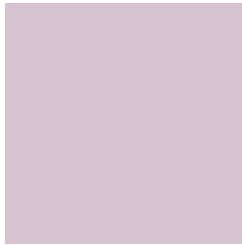
10.2062, 0.3955, 0.1953



0.6284, 0.3799, 0.1867

Previews

White Background



This preview shows how the Yxy color 57.4832, 0.3175, 0.3118 looks on a white background.

Color Contrast Check

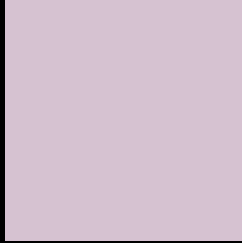
Large Text (above 18pt) WCAG AA × Fail

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 57.4832, 0.3175, 0.3118 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 57.4832, 0.3175, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 57.4832, 0.3175, 0.3118.



This preview shows how white text looks on a background with the Yxy color 57.4832, 0.3175, 0.3118.

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

57.4832, 0.3175, 0.3118

Protanopia

57.4210, 0.3042, 0.3125

Deuteranopia

57.6341, 0.3183, 0.3119



Tritanopia

57.4832, 0.3175, 0.3118

Trichromacy



Original Color

57.4832, 0.3175, 0.3118

Protanomaly

57.6148, 0.3088, 0.3127

Deuteranomaly

57.6341, 0.3183, 0.3119

Tritanomaly

57.4832, 0.3175, 0.3118

Monochromacy



Original Color

57.4832, 0.3175, 0.3118

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.3764, 0.3138, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4832, 0.3175, 0.3118 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(214, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(214, 194, 209)  
}
```

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(214, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 194, 209) }
```

Border

The CSS property to change the border of an element to Yxy 57.4832, 0.3175, 0.3118 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(214, 194, 209) }
```

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

```
.border{ border-color:rgb(214, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(214, 194,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4832, 0.3175, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 194, 209) }
```

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

```
.background{ background-color: rgb(214,  
194, 209) }
```

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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