

Converting Colors

Yxy(57.9070, 0.3317, 0.3337)

Have a look what the booklet for
Yxy(57.9070, 0.3317, 0.3337)
contains.

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Color

Yxy(57.8846, 0.3319, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	D8C4C0
RGB	216, 196, 192
RGB Percent	85%, 77%, 75%
CMY	0.1529, 0.2313, 0.2471
CMYK	0.00, 0.09, 0.11, 0.15
HSL	10°, 24%, 80%
HSV	10°, 11%, 85%
XYZ	57.5724, 57.8846, 58.0060
YIQ	201.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

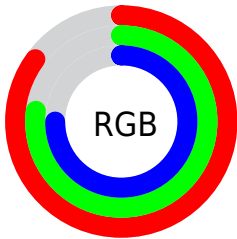
Format	Color
R _Y B	216, 197, 192
Decimal	14206144
CIE Lab	80.67, 6.35, 4.55
CIE LCh	81, 7.813, 35.604
Yxy	57.8846, 0.3319, 0.3337
Android (android.graphics.Color)	4292396224 (0xFFD8C4C0)
YUV	201.5240, -4.6953, 12.6955
Hunter-Lab	76.0819, 1.9303, 8.0537

Details

The Yxy color $57.8846, 0.3319, 0.3337$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.2460, 0.2957, 0.3243$, and the grayscale version is $58.7756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2879, 0.3169, 0.3338$, and $28.7871, 0.3365, 0.3337$ is the 20% darker color. If you saturate the color by 10%, you get $49.3624, 0.3531, 0.3382$, and if you desaturate by 10%, it is $67.5259, 0.3145, 0.3295$.

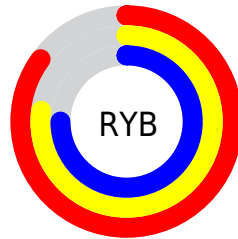
Distribution



Red (85%)

Green (77%)

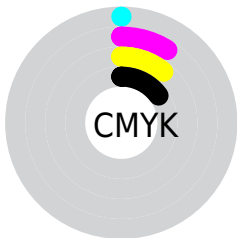
Blue (75%)



Red (85%)

Yellow (77%)

Blue (75%)

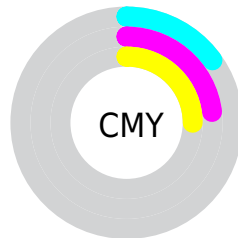


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (23%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8846, 0.3319, 0.3337 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 57.8846, 0.3319, 0.3337 by changing the saturation by 10% instead.


 57.8846, 0.3319,
0.3337

 57.8846, 0.3319,
0.3337


416.7558, 0.3226,
0.3315

 41.7159, 0.3341,
0.3342


 101.7548, 0.3286,
0.3329

 28.8789, 0.3370,
0.3348


130.2251, 0.3273,
0.3326

 18.9892, 0.3406,
0.3356


163.5646, 0.3263,
0.3324

 11.6625, 0.3456,
0.3367

202.1579, 0.3253,
0.3322

 6.5143, 0.3528,
0.3381

246.3892, 0.3245,
0.3320

 3.1603, 0.3638,
0.3401

296.6431, 0.3238,

 1.2160, 0.3833,

0.3318

0.3432

353.3038, 0.3232,
0.3316

0.0747, 0.7517,
0.2483

0.0000, 0.0000,
0.0000

57.8846, 0.3319,
0.3337

57.8846, 0.3319,
0.3337

49.3624, 0.3531,
0.3382

67.5259, 0.3145,
0.3295

41.9112, 0.3789,
0.3429

78.3168, 0.3001,
0.3255

35.4907, 0.4097,
0.3475

90.1800, 0.2892,
0.3238

30.0553, 0.4458,
0.3516

93.3386, 0.2894,
0.3289

■ 25.5558, 0.4865,
0.3544

■ 21.9387, 0.5294,
0.3552

■ 19.1450, 0.5703,
0.3532

■ 17.1082, 0.6038,
0.3482

■ 15.8647, 0.6246,
0.3423

Harmonies

Analogous

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



57.8846, 0.3263, 0.3248



57.8846, 0.3319, 0.3337



57.8846, 0.3322, 0.3415

Triad

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



57.8846, 0.3319, 0.3337



57.8846, 0.3081, 0.3414



57.8846, 0.2983, 0.3121

Complementary

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



57.8846, 0.3319, 0.3337



63.2460, 0.2957, 0.3243

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.



57.8846, 0.2936, 0.3162



57.8846, 0.3319, 0.3337



57.8846, 0.2992, 0.3331

Square

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



57.8846, 0.3319, 0.3337



57.8846, 0.3184, 0.3462



57.8846, 0.2939, 0.3238



57.8846, 0.3068, 0.3125

Rectangle

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



57.8846, 0.3319, 0.3337



57.8846, 0.3294, 0.3451



57.8846, 0.2939, 0.3238



57.8846, 0.2962, 0.3130

Sweetspot

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



57.8872, 0.3319, 0.3337



95.5184, 0.3175, 0.3302



57.0507, 0.3170, 0.3063



20.1940, 0.3189, 0.3306



0.0000, 0.0000, 0.0000



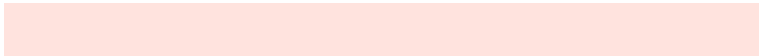
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8872, 0.3319, 0.3337



81.6756, 0.3358, 0.3346



63.5152, 0.3303, 0.3474



12.7526, 0.3287, 0.3330



9.4971, 0.6225, 0.3439



0.6783, 0.5917, 0.3684

Inverse Universe

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



63.2460, 0.2957, 0.3243



90.7644, 0.2926, 0.3233



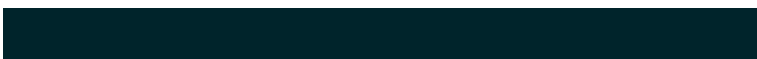
57.4719, 0.2955, 0.3099



13.7383, 0.2983, 0.3250



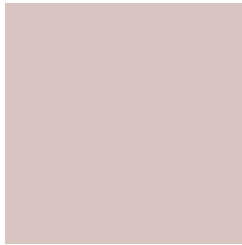
22.3751, 0.2098, 0.2752



1.4454, 0.2126, 0.2855

Previews

White Background



This preview shows how the Yxy color 57.8846, 0.3319, 0.3337 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 57.8846, 0.3319, 0.3337 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 57.8846, 0.3319, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 57.8846, 0.3319, 0.3337.



This preview shows how white text looks on a background with the Yxy color 57.8846, 0.3319, 0.3337.

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

57.8846, 0.3319, 0.3337

Protanopia

57.7210, 0.3211, 0.3350

Deuteranopia

58.0773, 0.3380, 0.3314



Tritanopia

57.6488, 0.3208, 0.3109

Trichromacy



Original Color

57.8846, 0.3319, 0.3337

Protanomaly

57.7937, 0.3252, 0.3349

Deuteranomaly

58.0516, 0.3353, 0.3325

Tritanomaly

57.6471, 0.3245, 0.3187

Monochromacy



Original Color

57.8846, 0.3319, 0.3337

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6512, 0.3197, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8846, 0.3319, 0.3337 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.8846, 0.3319, 0.3337 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, 192) }
```

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

```
.border{ border-color:rgb(216, 196, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8846, 0.3319, 0.3337 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, 192) }
```

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

```
.background{ background-color: rgb(216,  
196, 192) }
```

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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