

Converting Colors

$Y_{xy}(57.1909, 0.3260, 0.3271)$

Have a look what the booklet for
Yxy(57.1909, 0.3260, 0.3271)
contains.

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Color

Yxy(57.2076, 0.3257, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D5C3C5
RGB	213, 195, 197
RGB Percent	84%, 76%, 77%
CMY	0.1647, 0.2353, 0.2274
CMYK	0.00, 0.08, 0.08, 0.16
HSL	353°, 18%, 80%
HSV	353°, 8%, 84%
XYZ	57.0325, 57.2076, 60.8673
YIQ	200.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

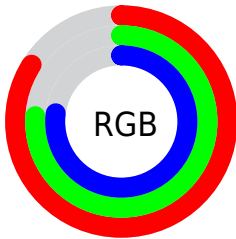
Format	Color
R _Y B	213, 195, 197
Decimal	14009285
CIE Lab	80.30, 6.66, 1.27
CIE LCh	80, 6.778, 10.827
Yxy	57.2076, 0.3257, 0.3267
Android (android.graphics.Color)	4292199365 (0xFFD5C3C5)
YUV	200.6100, -1.7797, 10.8660
Hunter-Lab	75.6357, 2.2340, 5.2317

Details

The Yxy color $57.2076, 0.3257, 0.3267$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.8888, 0.3011, 0.3313$, and the grayscale version is $58.1624, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.0366, 0.3134, 0.3271$, and $28.3020, 0.3292, 0.3260$ is the 20% darker color. If you saturate the color by 10%, you get $47.5223, 0.3445, 0.3238$, and if you desaturate by 10%, it is $68.3682, 0.3106, 0.3294$.

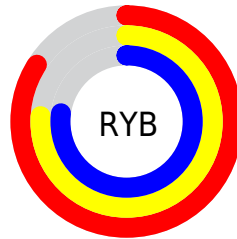
Distribution



Red (84%)

Green (76%)

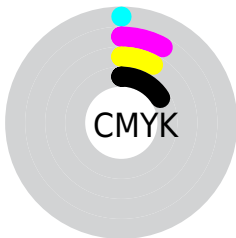
Blue (77%)



Red (84%)

Yellow (76%)

Blue (77%)

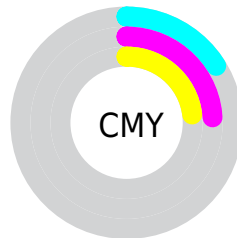


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (16%)



Cyan (16%)


Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2076, 0.3257, 0.3267 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 57.2076, 0.3257, 0.3267 by changing the saturation by 10% instead.


 57.2076, 0.3257,
0.3267

 57.2076, 0.3257,
0.3267

414.2268, 0.3194,
0.3278

 41.1719, 0.3272,
0.3264


 100.7680, 0.3235,
0.3271

 28.4535, 0.3291,
0.3261


129.0616, 0.3226,
0.3273

 18.6678, 0.3316,
0.3256


162.2099, 0.3219,
0.3274

 11.4305, 0.3350,
0.3249

200.5974, 0.3213,
0.3275

 6.3572, 0.3398,
0.3240

244.6084, 0.3207,
0.3276

 3.0634, 0.3473,
0.3225

294.6274, 0.3202,

 1.1649, 0.3606,

0.3277

0.3197

351.0387, 0.3198,
0.3278

0.0328, 0.8552,
0.1448

0.0000, 0.0000,
0.0000

57.2076, 0.3257,
0.3267

57.2076, 0.3257,
0.3267

47.5223, 0.3445,
0.3238

68.3682, 0.3106,
0.3294

39.2434, 0.3679,
0.3208

81.0542, 0.2984,
0.3319

32.3077, 0.3967,
0.3178

92.8063, 0.2884,
0.3302

26.6444, 0.4314,
0.3152

92.8846, 0.2877,
0.3289

■ 22.1759, 0.4718,
0.3134

■ 18.8164, 0.5162,
0.3129

■ 16.4685, 0.5603,
0.3144

■ 15.0180, 0.5983,
0.3179

■ 14.2944, 0.6248,
0.3228

Harmonies

Analogous

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



57.2076, 0.3181, 0.3197



57.2076, 0.3257, 0.3267



57.2076, 0.3298, 0.3344

Triad

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



57.2076, 0.3257, 0.3267



57.2076, 0.3161, 0.3435



57.2076, 0.2964, 0.3170

Complementary

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



57.2076, 0.3257, 0.3267



63.8888, 0.3011, 0.3313

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.



57.2076, 0.2959, 0.3232



57.2076, 0.3257, 0.3267



57.2076, 0.3072, 0.3387

Square

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



57.2076, 0.3257, 0.3267



57.2076, 0.3242, 0.3443



57.2076, 0.2999, 0.3312



57.2076, 0.3012, 0.3140

Rectangle

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



57.2076, 0.3257, 0.3267



57.2076, 0.3300, 0.3390



57.2076, 0.2999, 0.3312



57.2076, 0.2958, 0.3187

Sweetspot

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



57.2101, 0.3257, 0.3267



94.7858, 0.3171, 0.3282



57.6701, 0.3120, 0.3083



19.9973, 0.3183, 0.3280



0.0000, 0.0000, 0.0000



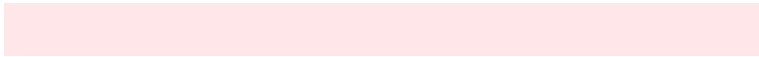
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2101, 0.3257, 0.3267



83.4216, 0.3285, 0.3262



60.2796, 0.3264, 0.3370



12.4431, 0.3274, 0.3264



8.6883, 0.6258, 0.3221



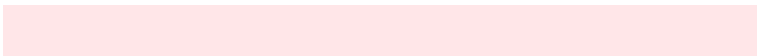
0.5318, 0.5908, 0.3028

Inverse Universe

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



57.2101, 0.3257, 0.3267



83.4216, 0.3285, 0.3262



60.5958, 0.2997, 0.3208



12.4431, 0.3274, 0.3264



8.6883, 0.6258, 0.3221



0.5318, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 57.2076, 0.3257, 0.3267 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 57.2076, 0.3257, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

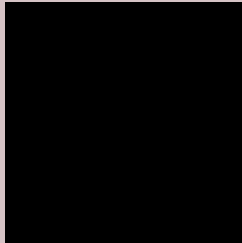
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2076, 0.3257, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 57.2076, 0.3257, 0.3267.



This preview shows how white text looks on a background with the Yxy color 57.2076, 0.3257, 0.3267.

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

57.2076, 0.3257, 0.3267

Protanopia

57.2082, 0.3159, 0.3278

Deuteranopia

57.2312, 0.3309, 0.3245



Tritanopia

57.1411, 0.3191, 0.3118

Trichromacy



Original Color

57.2076, 0.3257, 0.3267

Protanomaly

57.2751, 0.3199, 0.3278

Deuteranomaly

57.3665, 0.3291, 0.3256

Tritanomaly

57.2393, 0.3213, 0.3175

Monochromacy



Original Color

57.2076, 0.3257, 0.3267

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9961, 0.3167, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2076, 0.3257, 0.3267 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(213, 195, 197)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 197)  
}
```

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(213, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 197) }
```

Border

The CSS property to change the border of an element to Yxy 57.2076, 0.3257, 0.3267 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(213, 195, 197) }
```

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

```
.border{ border-color:rgb(213, 195, 197) }
```

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

Here you see how a box with a 4 pixel rgb(213, 195, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2076, 0.3257, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 197) }
```

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

```
.background{ background-color: rgb(213,  
195, 197) }
```

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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