

Converting Colors

$Y_{xy}(57.7797, 0.3233, 0.3244)$

Have a look what the booklet for
Yxy(57.7797, 0.3233, 0.3244)
contains.

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Color

Yxy(57.7961, 0.3233, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	D5C4C8
RGB	213, 196, 200
RGB Percent	84%, 77%, 78%
CMY	0.1648, 0.2313, 0.2157
CMYK	0.00, 0.08, 0.06, 0.16
HSL	346°, 17%, 80%
HSV	346°, 8%, 84%
XYZ	57.6001, 57.7961, 62.7668
YIQ	201.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

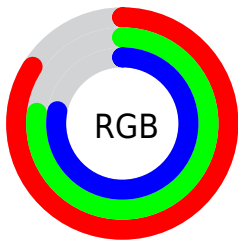
Format	Color
R _Y B	213, 196, 200
Decimal	14009544
CIE Lab	80.63, 6.63, 0.14
CIE LCh	81, 6.635, 1.245
Yxy	57.7961, 0.3233, 0.3244
Android (android.graphics.Color)	4292199624 (0xFFD5C4C8)
YUV	201.5390, -0.7587, 10.0513
Hunter-Lab	76.0237, 2.2007, 4.2655

Details

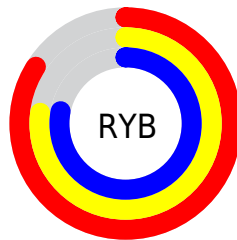
The Yxy color **57.7961, 0.3233, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9146, 0.3031, 0.3337**, and the grayscale version is **58.7610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.6904, 0.3259, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **48.1409, 0.3394, 0.3183**, and if you desaturate by 10%, it is **68.9012, 0.3103, 0.3301**.

Distribution



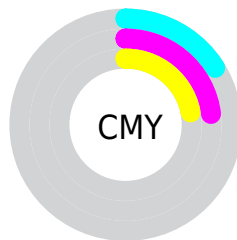
- Red (84%)
- Green (77%)
- Blue (78%)



- Red (84%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7961, 0.3233, 0.3244 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 57.7961, 0.3233, 0.3244 by changing the saturation by 10% instead.


 57.7961, 0.3233,
0.3244

 57.7961, 0.3233,
0.3244

416.4257, 0.3182,
0.3266

 41.6447, 0.3245,
0.3239


 101.6259, 0.3215,
0.3252

 28.8232, 0.3261,
0.3232


130.0731, 0.3208,
0.3255

 18.9471, 0.3281,
0.3223


163.3877, 0.3202,
0.3258

 11.6321, 0.3308,
0.3211

201.9541, 0.3197,
0.3260

 6.4937, 0.3347,
0.3194

246.1567, 0.3192,
0.3262

 3.1475, 0.3407,
0.3168

296.3800, 0.3189,

 1.2092, 0.3512,

0.3263

0.3122

353.0082, 0.3185,
0.3265

0.0692, 0.6287,
0.1911

0.0000, 0.0000,
0.0000

57.7961, 0.3233,
0.3244

57.7961, 0.3233,
0.3244

48.1409, 0.3394,
0.3183

68.9012, 0.3103,
0.3301

39.8684, 0.3591,
0.3119

81.5048, 0.2997,
0.3354

32.9172, 0.3833,
0.3055

92.4925, 0.2909,
0.3353

27.2185, 0.4124,
0.2996

92.8820, 0.2877,
0.3289

■ 22.6971, 0.4465,
0.2950

■ 19.2697, 0.4846,
0.2925

■ 16.8420, 0.5245,
0.2932

■ 15.3037, 0.5623,
0.2979

■ 14.4975, 0.5939,
0.3060

Harmonies

Analogous

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



57.7961, 0.3152, 0.3181



57.7961, 0.3233, 0.3244



57.7961, 0.3286, 0.3319

Triad

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



57.7961, 0.3233, 0.3244



57.7961, 0.3188, 0.3438



57.7961, 0.2962, 0.3189

Complementary

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



57.7961, 0.3233, 0.3244



63.9146, 0.3031, 0.3337

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.



57.7961, 0.2971, 0.3257



57.7961, 0.3233, 0.3244



57.7961, 0.3101, 0.3403

Square

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



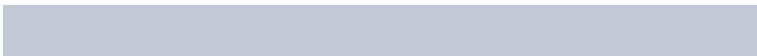
57.7961, 0.3233, 0.3244



57.7961, 0.3259, 0.3432



57.7961, 0.3022, 0.3336



57.7961, 0.2996, 0.3149

Rectangle

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



57.7961, 0.3233, 0.3244



57.7961, 0.3297, 0.3367



57.7961, 0.3022, 0.3336



57.7961, 0.2960, 0.3209

Sweetspot

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



57.7986, 0.3233, 0.3244



96.5405, 0.3152, 0.3279



57.8052, 0.3103, 0.3094



20.6999, 0.3151, 0.3279



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.



57.7986, 0.3233, 0.3244



83.6031, 0.3265, 0.3231



59.5543, 0.3259, 0.3340



12.4683, 0.3254, 0.3235



8.7958, 0.5961, 0.3058



0.5436, 0.5465, 0.2784

Inverse Universe

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



57.7986, 0.3233, 0.3244



83.6031, 0.3265, 0.3231



62.0102, 0.3005, 0.3240



12.4683, 0.3254, 0.3235



8.7958, 0.5961, 0.3058



0.5436, 0.5465, 0.2784

Previews

White Background



This preview shows how the Yxy color 57.7961, 0.3233, 0.3244 looks on a white background.

Color Contrast Check

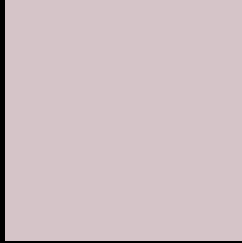
Large Text (above 18pt) WCAG AA × Fail

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 57.7961, 0.3233, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

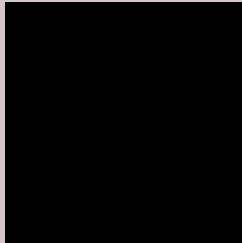
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7961, 0.3233, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 57.7961, 0.3233, 0.3244.



This preview shows how white text looks on a background with the Yxy color 57.7961, 0.3233, 0.3244.

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

57.7961, 0.3233, 0.3244

Protanopia

57.8076, 0.3137, 0.3255

Deuteranopia

57.8138, 0.3284, 0.3222



Tritanopia

57.5329, 0.3168, 0.3107

Trichromacy



Original Color

57.7961, 0.3233, 0.3244

Protanomaly

57.8706, 0.3176, 0.3255

Deuteranomaly

57.9521, 0.3267, 0.3233

Tritanomaly

57.7826, 0.3197, 0.3164

Monochromacy



Original Color

57.7961, 0.3233, 0.3244

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6474, 0.3167, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7961, 0.3233, 0.3244 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, 196, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 196, 200)  
}
```

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, 196, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 196, 200) }
```

Border

The CSS property to change the border of an element to Yxy 57.7961, 0.3233, 0.3244 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, 196, 200) }
```

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

```
.border{ border-color:rgb(213, 196, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 196, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 196, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 196, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 196,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7961, 0.3233, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 196, 200) }
```

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

```
.background{ background-color: rgb(213,  
196, 200) }
```

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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