

Converting Colors

Yxy(57.4103, 0.3213, 0.3194)

Have a look what the booklet for
Yxy(57.4103, 0.3213, 0.3194)
contains.

Yxy(57.4881, 0.3211, 0.3198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.4881, 0.3211, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	D5C3CB
RGB	213, 195, 203
RGB Percent	84%, 76%, 80%
CMY	0.1649, 0.2352, 0.2039
CMYK	0.00, 0.08, 0.05, 0.16
HSL	333°, 18%, 80%
HSV	333°, 8%, 84%
XYZ	57.7218, 57.4881, 64.5528
YIQ	201.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

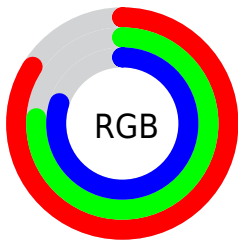
Format	Color
R _Y B	213, 195, 203
Decimal	14009291
CIE Lab	80.45, 7.67, -1.72
CIE LCh	80, 7.862, 347.391
Yxy	57.4881, 0.3211, 0.3198
Android (android.graphics.Color)	4292199371 (0xFFD5C3CB)
YUV	201.2940, 0.8411, 10.2662
Hunter-Lab	75.8209, 3.2039, 2.5960

Details

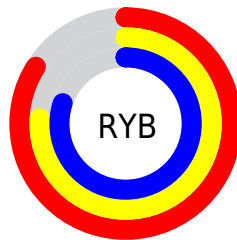
The Yxy color **57.4881, 0.3211, 0.3198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5700, 0.3050, 0.3384**, and the grayscale version is **58.5886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **28.4888, 0.3230, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **48.0753, 0.3330, 0.3083**, and if you desaturate by 10%, it is **68.3096, 0.3113, 0.3307**.

Distribution



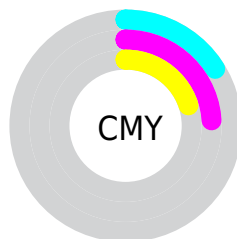
- Red (84%)
- Green (76%)
- Blue (80%)



- Red (84%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4881, 0.3211, 0.3198 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 57.4881, 0.3211, 0.3198 by changing the saturation by 10% instead.

■ 57.4881, 0.3211,
0.3198

■ 57.4881, 0.3211,
0.3198

415.2758, 0.3171,
0.3242

■ 41.3972, 0.3221,
0.3187

■ 101.1770, 0.3197,
0.3214

■ 28.6296, 0.3233,
0.3174

129.5439, 0.3191,
0.3220

■ 18.8008, 0.3248,
0.3157

162.7716, 0.3187,
0.3225

■ 11.5264, 0.3270,
0.3134

201.2445, 0.3183,
0.3229

■ 6.4221, 0.3300,
0.3101

245.3469, 0.3179,
0.3233

■ 3.1034, 0.3346,
0.3051

295.4634, 0.3176,

■ 1.1860, 0.3427,

0.3236

0.2966

351.9782, 0.3173,
0.3240

0.0502, 0.5111,
0.1092

0.0000, 0.0000,
0.0000

57.4881, 0.3211,
0.3198

57.4881, 0.3211,
0.3198

48.0753, 0.3330,
0.3083

68.3096, 0.3113,
0.3307

40.0055, 0.3474,
0.2963

80.5872, 0.3032,
0.3408

33.2188, 0.3646,
0.2844

91.8565, 0.2965,
0.3462

27.6480, 0.3849,
0.2731

92.5758, 0.2902,
0.3338

■ 23.2194, 0.4083,
0.2634

■ 92.8772, 0.2877,
0.3289

■ 19.8514, 0.4344,
0.2565

■ 17.4517, 0.4622,
0.2536

■ 15.9113, 0.4904,
0.2558

■ 15.0672, 0.5171,
0.2632

Harmonies

Analogous

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



57.4881, 0.3108, 0.3137



57.4881, 0.3211, 0.3198



57.4881, 0.3292, 0.3283

Triad

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



57.4881, 0.3211, 0.3198



57.4881, 0.3242, 0.3469



57.4881, 0.2930, 0.3204

Complementary

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



57.4881, 0.3211, 0.3198



63.5700, 0.3050, 0.3384

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.



57.4881, 0.2965, 0.3294



57.4881, 0.3211, 0.3198



57.4881, 0.3144, 0.3450

Square

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



57.4881, 0.3211, 0.3198



57.4881, 0.3310, 0.3440



57.4881, 0.3042, 0.3385



57.4881, 0.2947, 0.3139

Rectangle

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



57.4881, 0.3211, 0.3198



57.4881, 0.3322, 0.3343



57.4881, 0.3042, 0.3385



57.4881, 0.2936, 0.3232

Sweetspot

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



57.4906, 0.3211, 0.3198



94.9454, 0.3156, 0.3257



56.8046, 0.3074, 0.3081



20.0403, 0.3164, 0.3249



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.



57.4906, 0.3211, 0.3198



83.9177, 0.3230, 0.3179



57.5228, 0.3271, 0.3301



12.5118, 0.3222, 0.3187



9.1635, 0.5178, 0.2626



0.5692, 0.4753, 0.2392

Inverse Universe

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



57.4906, 0.3211, 0.3198



83.9177, 0.3230, 0.3179



63.5157, 0.2998, 0.3279



12.5118, 0.3222, 0.3187



9.1635, 0.5178, 0.2626



0.5692, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 57.4881, 0.3211, 0.3198 looks on a white background.

Color Contrast Check

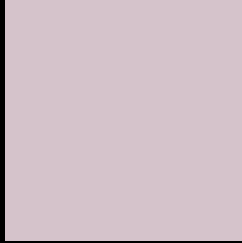
Large Text (above 18pt) WCAG AA × Fail

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 57.4881, 0.3211, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

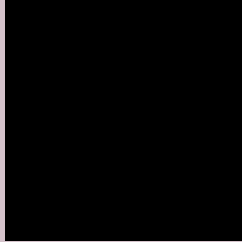
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4881, 0.3211, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 57.4881, 0.3211, 0.3198.



This preview shows how white text looks on a background with the Yxy color 57.4881, 0.3211, 0.3198.

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

57.4881, 0.3211, 0.3198

Protanopia

57.8112, 0.3107, 0.3219

Deuteranopia

57.2034, 0.3246, 0.3176



Tritanopia

57.4832, 0.3175, 0.3118

Trichromacy



Original Color

57.4881, 0.3211, 0.3198

Protanomaly

57.8696, 0.3146, 0.3220

Deuteranomaly

57.4943, 0.3237, 0.3187

Tritanomaly

57.3847, 0.3190, 0.3141

Monochromacy



Original Color

57.4881, 0.3211, 0.3198

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0903, 0.3152, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4881, 0.3211, 0.3198 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 203) }
```

Border

The CSS property to change the border of an element to Yxy 57.4881, 0.3211, 0.3198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

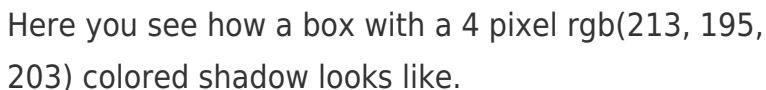
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 195, 203) }
```

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

```
.border{ border-color:rgb(213, 195, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 195, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 195, 203); box-shadow:4px 4px 4px 4px rgb(213, 195, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4881, 0.3211, 0.3198 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, 203) }
```

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

```
.background{ background-color: rgb(213,  
195, 203) }
```

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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