

Converting Colors

Yxy(57.1609, 0.3222, 0.3186)

Have a look what the booklet for
Yxy(57.1609, 0.3222, 0.3186)
contains.

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Color

Yxy(57.1915, 0.3220, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	D6C2CB
RGB	214, 194, 203
RGB Percent	84%, 76%, 80%
CMY	0.1609, 0.2392, 0.2038
CMYK	0.00, 0.09, 0.05, 0.16
HSL	333°, 20%, 80%
HSV	333°, 9%, 84%
XYZ	57.8018, 57.1915, 64.5155
YIQ	201.0060, 9.0310, 7.0390

Conversions

Conversions Part 2

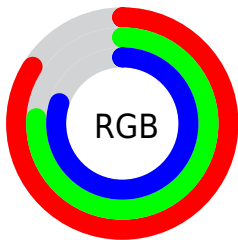
Format	Color
R _Y B	214, 194, 203
Decimal	14074571
CIE Lab	80.29, 8.58, -1.97
CIE LCh	80, 8.807, 347.072
Yxy	57.1915, 0.3220, 0.3186
Android (android.graphics.Color)	4292264651 (0xFFD6C2CB)
YUV	201.0060, 0.9830, 11.3957
Hunter-Lab	75.6251, 4.0875, 2.3575

Details

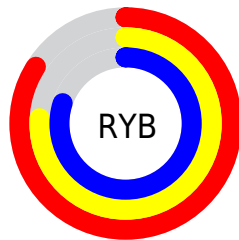
The Yxy color **57.1915, 0.3220, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9590, 0.3043, 0.3396**, and the grayscale version is **58.4033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **28.2970, 0.3242, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **47.8065, 0.3340, 0.3069**, and if you desaturate by 10%, it is **67.9952, 0.3121, 0.3297**.

Distribution



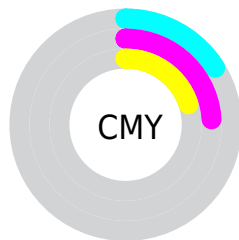
- Red (84%)
- Green (76%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1915, 0.3220, 0.3186 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 57.1915, 0.3220, 0.3186 by changing the saturation by 10% instead.

 57.1915, 0.3220,
0.3186

 57.1915, 0.3220,
0.3186


414.1665, 0.3175,
0.3236

 41.1590, 0.3231,
0.3174


 100.7446, 0.3204,
0.3204

 28.4434, 0.3244,
0.3159


129.0339, 0.3198,
0.3210

 18.6601, 0.3261,
0.3140


162.1777, 0.3193,
0.3216

 11.4250, 0.3285,
0.3114

200.5603, 0.3188,
0.3221

 6.3534, 0.3318,
0.3077

244.5660, 0.3185,
0.3226

 3.0612, 0.3370,
0.3021

294.5794, 0.3181,

 1.1637, 0.3459,

0.3229

0.2924

350.9848, 0.3178,
0.3233

0.0318, 0.5401,
0.0716

0.0000, 0.0000,
0.0000

57.1915, 0.3220,
0.3186

57.1915, 0.3220,
0.3186

47.8065, 0.3340,
0.3069

67.9952, 0.3121,
0.3297

39.7734, 0.3484,
0.2947

80.2659, 0.3040,
0.3401

33.0312, 0.3657,
0.2826

91.9985, 0.2973,
0.3464

27.5115, 0.3860,
0.2713

92.7110, 0.2910,
0.3341

■ 23.1390, 0.4093,
0.2616

■ 93.0332, 0.2883,
0.3289

■ 19.8305, 0.4352,
0.2548

■ 17.4910, 0.4627,
0.2522

■ 16.0085, 0.4904,
0.2548

■ 15.1971, 0.5167,
0.2624

Harmonies

Analogous

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



57.1915, 0.3104, 0.3119



57.1915, 0.3220, 0.3186



57.1915, 0.3312, 0.3281

Triad

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



57.1915, 0.3220, 0.3186



57.1915, 0.3257, 0.3491



57.1915, 0.2906, 0.3194

Complementary

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



57.1915, 0.3220, 0.3186



63.9590, 0.3043, 0.3396

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.



57.1915, 0.2946, 0.3296



57.1915, 0.3220, 0.3186



57.1915, 0.3147, 0.3470

Square

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



57.1915, 0.3220, 0.3186



57.1915, 0.3333, 0.3457



57.1915, 0.3033, 0.3398



57.1915, 0.2925, 0.3121

Rectangle

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



57.1915, 0.3220, 0.3186



57.1915, 0.3346, 0.3348



57.1915, 0.3033, 0.3398



57.1915, 0.2913, 0.3226

Sweetspot

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



57.1940, 0.3220, 0.3186



94.9488, 0.3155, 0.3257



56.3721, 0.3065, 0.3057



20.0412, 0.3163, 0.3248



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.



57.1940, 0.3220, 0.3186



82.4402, 0.3240, 0.3166



57.0728, 0.3289, 0.3298



12.5132, 0.3221, 0.3185



9.1804, 0.5149, 0.2610



0.5703, 0.4729, 0.2379

Inverse Universe

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



57.1940, 0.3220, 0.3186



82.4402, 0.3240, 0.3166



64.0714, 0.2984, 0.3282



12.5132, 0.3221, 0.3185



9.1804, 0.5149, 0.2610



0.5703, 0.4729, 0.2379

Previews

White Background



This preview shows how the Yxy color 57.1915, 0.3220, 0.3186 looks on a white background.

Color Contrast Check

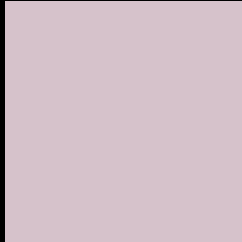
Large Text (above 18pt) WCAG AA × Fail

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 57.1915, 0.3220, 0.3186 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 57.1915, 0.3220, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 57.1915, 0.3220, 0.3186.



This preview shows how white text looks on a background with the Yxy color 57.1915, 0.3220, 0.3186.

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

57.1915, 0.3220, 0.3186

Protanopia

57.2135, 0.3100, 0.3207

Deuteranopia

57.2034, 0.3246, 0.3176



Tritanopia

57.1411, 0.3191, 0.3118

Trichromacy



Original Color

57.1915, 0.3220, 0.3186

Protanomaly

57.4139, 0.3147, 0.3208

Deuteranomaly

57.0507, 0.3238, 0.3175

Tritanomaly

57.0432, 0.3207, 0.3141

Monochromacy



Original Color

57.1915, 0.3220, 0.3186

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7742, 0.3161, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1915, 0.3220, 0.3186 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(214, 194, 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(214, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 194, 203) }
```

Border

The CSS property to change the border of an element to Yxy 57.1915, 0.3220, 0.3186 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, 203) }
```

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

```
.border{ border-color:rgb(214, 194, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(214, 194,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1915, 0.3220, 0.3186 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, 203) }
```

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

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