

Converting Colors

Yxy(57.0263, 0.3036, 0.3091)

Have a look what the booklet for
Yxy(57.0263, 0.3036, 0.3091)
contains.

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Color

Yxy(57.2051, 0.3036, 0.3091)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C9C5D6 |
| RGB | 201, 197, 214 |
| RGB Percent | 79%, 77%, 84% |
| CMY | 0.2118, 0.2274, 0.1609 |
| CMYK | 0.06, 0.08, 0.00, 0.16 |
| HSL | 254°, 17%, 81% |
| HSV | 254°, 8%, 84% |
| XYZ | 56.1872, 57.2051, 71.6776 |
| YIQ | 200.1340, -3.0730, 6.1350 |

Conversions

Conversions Part 2

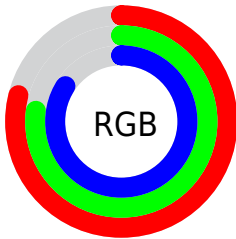
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 201, 197, 214 |
| Decimal | 13223382 |
| CIE Lab | 80.29, 4.57, -7.96 |
| CIE LCh | 80, 9.175, 299.868 |
| Yxy | 57.2051, 0.3036, 0.3091 |
| Android (android.graphics.Color) | 4291413462 (0xFFC9C5D6) |
| YUV | 200.1340, 6.8359, 0.7595 |
| Hunter-Lab | 75.6341, 0.2449, -3.2446 |

Details

The Yxy color **57.2051, 0.3036, 0.3091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8085, 0.3214, 0.3485**, and the grayscale version is **57.8044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.3512, 0.3015, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **46.0210, 0.2905, 0.2815**, and if you desaturate by 10%, it is **70.0149, 0.3149, 0.3339**.

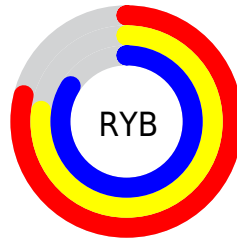
Distribution



Red (79%)

Green (77%)

Blue (84%)



Red (79%)

Yellow (77%)

Blue (84%)

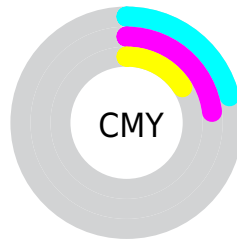


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2051, 0.3036, 0.3091 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 57.2051, 0.3036, 0.3091 by changing the saturation by 10% instead.

■ 57.2051, 0.3036,
0.3091

■ 57.2051, 0.3036,
0.3091

414.2174, 0.3080,
0.3186

■ 41.1699, 0.3025,
0.3068

100.7644, 0.3052,
0.3125

■ 28.4519, 0.3012,
0.3040

129.0573, 0.3058,
0.3138

■ 18.6666, 0.2994,
0.3004

162.2049, 0.3063,
0.3149

■ 11.4296, 0.2970,
0.2955

200.5916, 0.3067,
0.3158

■ 6.3566, 0.2936,
0.2886

244.6019, 0.3071,
0.3166

■ 3.0631, 0.2882,
0.2781

294.6200, 0.3075,

■ 1.1648, 0.2788,

0.3174

0.2605

351.0303, 0.3078,
0.3180

0.0326, 0.1859,
0.0426

0.0000, 0.0000,
0.0000

57.2051, 0.3036,
0.3091

57.2051, 0.3036,
0.3091

46.0210, 0.2905,
0.2815

70.0149, 0.3149,
0.3339

36.3900, 0.2757,
0.2512

84.5047, 0.3246,
0.3559

28.2447, 0.2592,
0.2190

96.7151, 0.3338,
0.3695

21.5099, 0.2414,
0.1859

97.6335, 0.3370,
0.3691

■ 16.1038, 0.2231,
0.1534

■ 11.9359, 0.2051,
0.1236

■ 8.9042, 0.1886,
0.0985

■ 6.8896, 0.1747,
0.0801

■ 5.7259, 0.1641,
0.0687

Harmonies

Analogous

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



57.2051, 0.2942, 0.3096



57.2051, 0.3036, 0.3091



57.2051, 0.3156, 0.3137

Triad

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



57.2051, 0.3036, 0.3091



57.2051, 0.3362, 0.3422



57.2051, 0.2985, 0.3359

Complementary

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



57.2051, 0.3036, 0.3091



65.8085, 0.3214, 0.3485

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.



57.2051, 0.3096, 0.3451



57.2051, 0.3036, 0.3091



57.2051, 0.3314, 0.3486

Square

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



57.2051, 0.3036, 0.3091



57.2051, 0.3346, 0.3325



57.2051, 0.3216, 0.3498



57.2051, 0.2914, 0.3249

Rectangle

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



57.2051, 0.3036, 0.3091



57.2051, 0.3234, 0.3190



57.2051, 0.3216, 0.3498



57.2051, 0.3019, 0.3393

Sweetspot

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



57.2075, 0.3036, 0.3091



96.0567, 0.3105, 0.3241



62.8245, 0.3005, 0.3244



20.6014, 0.3106, 0.3243



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.



57.2075, 0.3036, 0.3091



81.2824, 0.3009, 0.3033



58.4110, 0.3101, 0.3095



12.1482, 0.3018, 0.3052



3.3891, 0.1634, 0.0674



0.2428, 0.1810, 0.0771

Inverse Universe

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



58.8807, 0.3165, 0.3142



84.4155, 0.3177, 0.3100



64.6009, 0.3151, 0.3489



12.5804, 0.3173, 0.3113



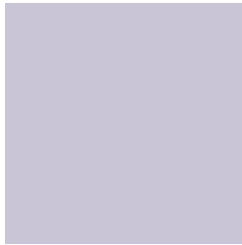
10.2711, 0.3906, 0.1925



0.6319, 0.3761, 0.1845

Previews

White Background



This preview shows how the Yxy color 57.2051, 0.3036, 0.3091 looks on a white background.

Color Contrast Check

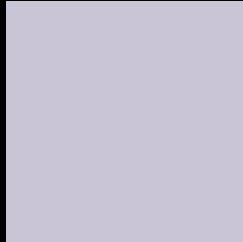
Large Text (above 18pt) WCAG AA × Fail

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 57.2051, 0.3036, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

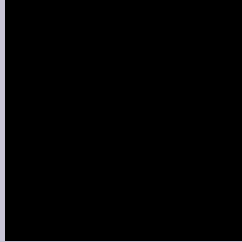
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

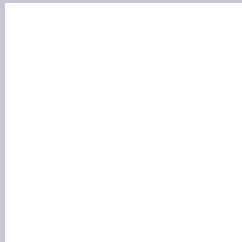
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2051, 0.3036, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 57.2051, 0.3036, 0.3091.

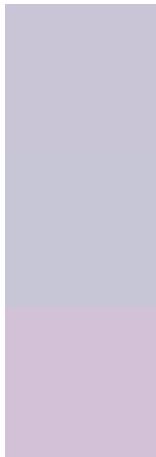


This preview shows how white text looks on a background with the Yxy color 57.2051, 0.3036, 0.3091.

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

57.2051, 0.3036, 0.3091

Protanopia

57.2490, 0.3013, 0.3101

Deuteranopia

56.8951, 0.3107, 0.3038



Tritanopia

57.1541, 0.3043, 0.3102

Trichromacy



Original Color

57.2051, 0.3036, 0.3091

Protanomaly

57.3853, 0.3020, 0.3102

Deuteranomaly

56.7553, 0.3076, 0.3047

Tritanomaly

57.1541, 0.3043, 0.3102

Monochromacy



Original Color

57.2051, 0.3036, 0.3091

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5340, 0.3092, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2051, 0.3036, 0.3091 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(201, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 214)  
}
```

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(201, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.2051, 0.3036, 0.3091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

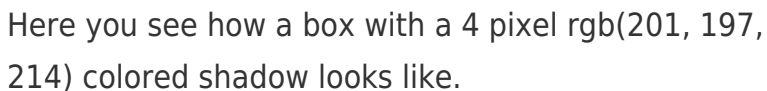
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 197, 214) }
```

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

```
.border{ border-color:rgb(201, 197, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 197, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 197, 214); box-shadow:4px 4px 4px 4px rgb(201, 197, 214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2051, 0.3036, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 214) }
```

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

```
.background{ background-color: rgb(201,  
197, 214) }
```

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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