

Converting Colors

Yxy(57.2138, 0.3142, 0.3052)

Have a look what the booklet for
Yxy(57.2138, 0.3142, 0.3052)
contains.

Yxy(57.2911, 0.3138, 0.3051)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.2911, 0.3138, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	D6C1D6
RGB	214, 193, 214
RGB Percent	84%, 76%, 84%
CMY	0.1610, 0.2430, 0.1608
CMYK	0.00, 0.10, 0.00, 0.16
HSL	300°, 20%, 80%
HSV	300°, 10%, 84%
XYZ	58.9248, 57.2911, 71.5622
YIQ	201.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

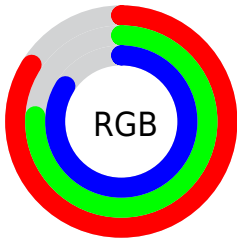
Format	Color
R _Y B	214, 193, 214
Decimal	14074326
CIE Lab	80.34, 11.07, -7.78
CIE LCh	80, 13.529, 324.897
Yxy	57.2911, 0.3138, 0.3051
Android (android.graphics.Color)	4292264406 (0xFFD6C1D6)
YUV	201.6730, 6.0772, 10.8108
Hunter-Lab	75.6909, 6.5018, -3.0723

Details

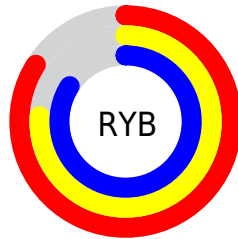
The Yxy color $57.2911, 0.3138, 0.3051$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.2858, 0.3116, 0.3541$, and the grayscale version is $58.8043, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $28.3394, 0.3141, 0.2988$ is the 20% darker color. If you saturate the color by 10%, you get $48.4982, 0.3149, 0.2802$, and if you desaturate by 10%, it is $67.4579, 0.3127, 0.3295$.

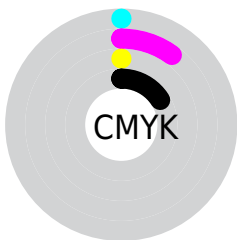
Distribution



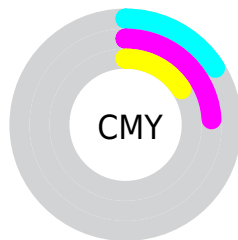
- Red (84%)
- Green (76%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2911, 0.3138, 0.3051 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 57.2911, 0.3138, 0.3051 by changing the saturation by 10% instead.


 57.2911, 0.3138,
0.3051

 57.2911, 0.3138,
0.3051

414.5392, 0.3134,
0.3164

 41.2390, 0.3139,
0.3024

 100.8898, 0.3137,
0.3091

 28.5059, 0.3140,
0.2991


129.2052, 0.3136,
0.3106

 18.7073, 0.3141,
0.2948


162.3772, 0.3136,
0.3119

 11.4590, 0.3141,
0.2892


200.7901, 0.3135,
0.3131

 6.3765, 0.3142,
0.2812

244.8284, 0.3135,
0.3141

 3.0753, 0.3141,
0.2693

294.8764, 0.3134,

 1.1712, 0.3136,

0.3150

0.2496

351.3185, 0.3134,
0.3157

0.0380, 0.3295,
0.0409

0.0000, 0.0000,
0.0000

57.2911, 0.3138,
0.3051

57.2911, 0.3138,
0.3051

48.4982, 0.3149,
0.2802

67.4579, 0.3127,
0.3295

41.0133, 0.3160,
0.2553

79.0461, 0.3116,
0.3528

34.7760, 0.3171,
0.2315

90.6834, 0.3107,
0.3725

29.7186, 0.3181,
0.2096

90.6906, 0.3108,
0.3725

■ 25.7666, 0.3189,
0.1906

■ 90.6978, 0.3108,
0.3725

■ 22.8373, 0.3195,
0.1753

■ 90.7050, 0.3108,
0.3725

■ 20.8363, 0.3200,
0.1641

■ 90.7123, 0.3109,
0.3725

■ 19.6517, 0.3203,
0.1573

■ 90.7195, 0.3109,
0.3725

■ 19.0865, 0.3204,
0.1539

■ 90.7267, 0.3109,
0.3725

Harmonies

Analogous

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



57.2911, 0.2966, 0.2995



57.2911, 0.3138, 0.3051



57.2911, 0.3312, 0.3166

Triad

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



57.2911, 0.3138, 0.3051



57.2911, 0.3420, 0.3567



57.2911, 0.2826, 0.3254

Complementary

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



57.2911, 0.3138, 0.3051



63.2858, 0.3116, 0.3541

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.



57.2911, 0.2942, 0.3417



57.2911, 0.3138, 0.3051



57.2911, 0.3284, 0.3601

Square

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



57.2911, 0.3138, 0.3051



57.2911, 0.3477, 0.3460



57.2911, 0.3109, 0.3547



57.2911, 0.2790, 0.3106

Rectangle

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



57.2911, 0.3138, 0.3051



57.2911, 0.3403, 0.3263



57.2911, 0.3109, 0.3547



57.2911, 0.2857, 0.3309

Sweetspot

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



57.2936, 0.3138, 0.3051



95.2126, 0.3130, 0.3217



54.5019, 0.2975, 0.3043



20.1125, 0.3131, 0.3197



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.



57.2936, 0.3138, 0.3051



81.9936, 0.3141, 0.2993



56.7990, 0.3215, 0.3165



12.6312, 0.3138, 0.3060



11.5328, 0.3204, 0.1538



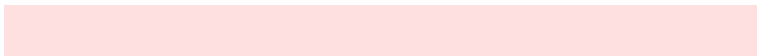
0.6961, 0.3205, 0.1539

Inverse Universe

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



56.2997, 0.3298, 0.3290



80.1939, 0.3344, 0.3290



63.7475, 0.3048, 0.3418



12.4213, 0.3291, 0.3290



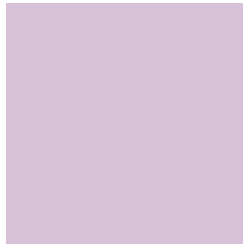
8.6419, 0.6398, 0.3298



0.5214, 0.6390, 0.3294

Previews

White Background



This preview shows how the Yxy color 57.2911, 0.3138, 0.3051 looks on a white background.

Color Contrast Check

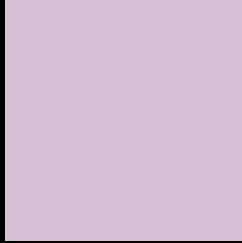
Large Text (above 18pt) WCAG AA × Fail

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 57.2911, 0.3138, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

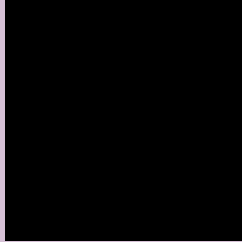
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2911, 0.3138, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 57.2911, 0.3138, 0.3051.



This preview shows how white text looks on a background with the Yxy color 57.2911, 0.3138, 0.3051.

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

57.2911, 0.3138, 0.3051

Protanopia

57.4037, 0.2992, 0.3067

Deuteranopia

57.4357, 0.3122, 0.3061



Tritanopia

57.3332, 0.3167, 0.3118

Trichromacy



Original Color

57.2911, 0.3138, 0.3051

Protanomaly

57.2751, 0.3045, 0.3058

Deuteranomaly

57.5847, 0.3130, 0.3062

Tritanomaly

57.4329, 0.3152, 0.3095

Monochromacy



Original Color

57.2911, 0.3138, 0.3051

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4249, 0.3131, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2911, 0.3138, 0.3051 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, 193, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 193, 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(214, 193, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 193, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.2911, 0.3138, 0.3051 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, 193, 214) }
```

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

```
.border{ border-color:rgb(214, 193, 214) }
```

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

Here you see how a box with a 4 pixel rgb(214, 193, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 193, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 193, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 193,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2911, 0.3138, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 193, 214) }
```

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

```
.background{ background-color: rgb(214,  
193, 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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