

Converting Colors

Yxy(67.9871, 0.3139, 0.3210)

Have a look what the booklet for
Yxy(67.9871, 0.3139, 0.3210)
contains.

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Color

Yxy(68.1280, 0.3138, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	DDD5DC
RGB	221, 213, 220
RGB Percent	87%, 84%, 86%
CMY	0.1333, 0.1647, 0.1371
CMYK	0.00, 0.04, 0.00, 0.13
HSL	307°, 11%, 85%
HSV	307°, 4%, 87%
XYZ	66.5377, 68.1280, 77.3729
YIQ	216.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

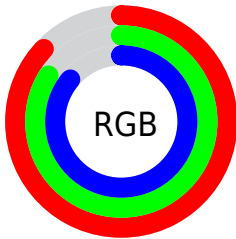
Format	Color
R _Y B	221, 213, 220
Decimal	14538204
CIE Lab	86.07, 4.00, -2.49
CIE LCh	86, 4.715, 328.127
Yxy	68.1280, 0.3138, 0.3213
Android (android.graphics.Color)	4292728284 (0xFFDDD5DC)
YUV	216.1900, 1.8783, 4.2184
Hunter-Lab	82.5397, -0.5503, 2.1992

Details

The Yxy color **68.1280, 0.3138, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7216, 0.3116, 0.3368**, and the grayscale version is **68.7953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2773, 0.3142, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **57.6169, 0.3171, 0.2995**, and if you desaturate by 10%, it is **80.1625, 0.3109, 0.3422**.

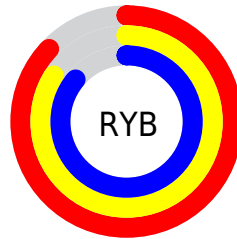
Distribution



Red (87%)

Green (84%)

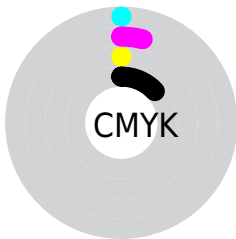
Blue (86%)



Red (87%)

Yellow (84%)

Blue (86%)

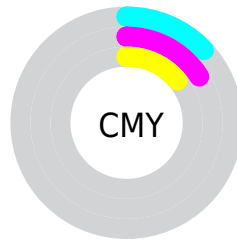


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1280, 0.3138, 0.3213 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 68.1280, 0.3138, 0.3213 by changing the saturation by 10% instead.

■ 68.1280, 0.3138,
0.3213

■ 68.1280, 0.3138,
0.3213

453.9494, 0.3133,
0.3249

■ 50.0019, 0.3139,
0.3205

116.5352, 0.3136,
0.3226

■ 35.4149, 0.3140,
0.3194

147.5851, 0.3136,
0.3230

■ 23.9826, 0.3142,
0.3181

183.7118, 0.3135,
0.3235

■ 15.3207, 0.3145,
0.3164

225.2995, 0.3135,
0.3238

■ 9.0448, 0.3148,
0.3141

272.7327, 0.3134,
0.3241

■ 4.7704, 0.3152,
0.3106

326.3959, 0.3134,

■ 2.1132, 0.3159,

0.3244

386.6733, 0.3133,
0.3247

0.3051

0.6720, 0.3182,
0.2904

0.0000, 0.0000,
0.0000

68.1280, 0.3138,
0.3213

68.1280, 0.3138,
0.3213

57.6169, 0.3171,
0.2995

80.1625, 0.3109,
0.3422

48.5595, 0.3208,
0.2772

92.3566, 0.3085,
0.3596

40.8937, 0.3248,
0.2551

92.5066, 0.3070,
0.3567

34.5496, 0.3293,
0.2339

92.6590, 0.3055,
0.3539

■ 29.4512, 0.3339,
0.2146

■ 92.8138, 0.3040,
0.3510

■ 25.5149, 0.3387,
0.1983

■ 92.9710, 0.3025,
0.3481

■ 22.6465, 0.3435,
0.1857

■ 93.1306, 0.3010,
0.3453

■ 20.7375, 0.3481,
0.1774

■ 93.2927, 0.2995,
0.3425

■ 19.6563, 0.3524,
0.1736

■ 93.4571, 0.2980,
0.3397

Harmonies

Analogous

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



68.1280, 0.3080, 0.3192



68.1280, 0.3138, 0.3213



68.1280, 0.3193, 0.3254

Triad

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



68.1280, 0.3138, 0.3213



68.1280, 0.3220, 0.3384



68.1280, 0.3024, 0.3274

Complementary

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



68.1280, 0.3138, 0.3213



70.7216, 0.3116, 0.3368

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.



68.1280, 0.3061, 0.3326



68.1280, 0.3138, 0.3213



68.1280, 0.3174, 0.3390

Square

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



68.1280, 0.3138, 0.3213



68.1280, 0.3241, 0.3352



68.1280, 0.3116, 0.3369



68.1280, 0.3015, 0.3227

Rectangle

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



68.1280, 0.3138, 0.3213



68.1280, 0.3221, 0.3288



68.1280, 0.3116, 0.3369



68.1280, 0.3034, 0.3292

Sweetspot

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



68.1309, 0.3138, 0.3213



98.3636, 0.3130, 0.3269



67.0947, 0.3080, 0.3201



21.0711, 0.3130, 0.3270



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.



68.1309, 0.3138, 0.3213



93.5833, 0.3139, 0.3204



67.9236, 0.3165, 0.3256



14.3306, 0.3141, 0.3190



11.1990, 0.3544, 0.1726



0.7334, 0.3482, 0.1692

Inverse Universe

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



68.1309, 0.3138, 0.3213



93.5833, 0.3139, 0.3204



70.9263, 0.3091, 0.3324



14.3306, 0.3141, 0.3190



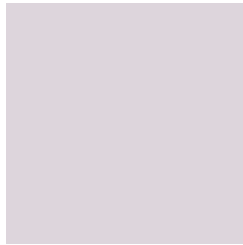
11.1990, 0.3544, 0.1726



0.7334, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 68.1280, 0.3138, 0.3213 looks on a white background.

Color Contrast Check

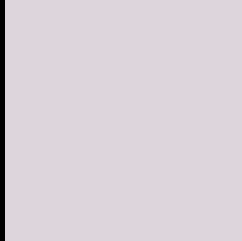
Large Text (above 18pt) WCAG AA × Fail

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 68.1280, 0.3138, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

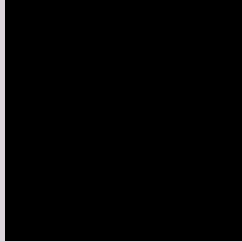
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

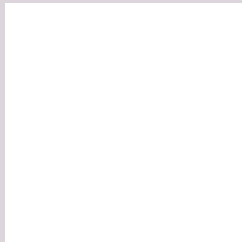
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1280, 0.3138, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 68.1280, 0.3138, 0.3213.

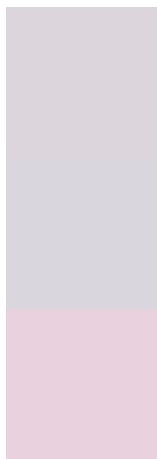


This preview shows how white text looks on a background with the Yxy color 68.1280, 0.3138, 0.3213.

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

68.1280, 0.3138, 0.3213

Protanopia

68.0653, 0.3102, 0.3213

Deuteranopia

68.1450, 0.3223, 0.3162



Tritanopia

68.2180, 0.3092, 0.3117

Trichromacy



Original Color

68.1280, 0.3138, 0.3213

Protanomaly

68.2190, 0.3109, 0.3213

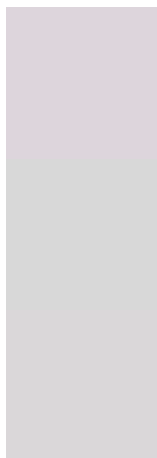
Deuteranomaly

67.9717, 0.3192, 0.3172

Tritanomaly

68.0528, 0.3112, 0.3149

Monochromacy



Original Color

68.1280, 0.3138, 0.3213

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5161, 0.3135, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1280, 0.3138, 0.3213 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(221, 213, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 220)  
}
```

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(221, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 220) }
```

Border

The CSS property to change the border of an element to Yxy 68.1280, 0.3138, 0.3213 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(221, 213, 220) }
```

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

```
.border{ border-color:rgb(221, 213, 220) }
```

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

Here you see how a box with a 4 pixel rgb(221, 213, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 220);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1280, 0.3138, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 220) }
```

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

```
.background{ background-color: rgb(221,  
213, 220) }
```

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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