

Converting Colors

Yxy(67.9484, 0.3123, 0.3214)

Have a look what the booklet for
Yxy(67.9484, 0.3123, 0.3214)
contains.

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Color

Yxy(67.8159, 0.3123, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	DBD5DC
RGB	219, 213, 220
RGB Percent	86%, 84%, 86%
CMY	0.1414, 0.1646, 0.1372
CMYK	0.00, 0.03, 0.00, 0.14
HSL	291°, 9%, 85%
HSV	291°, 3%, 86%
XYZ	65.9163, 67.8159, 77.3350
YIQ	215.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

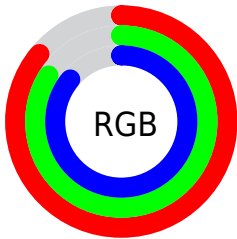
Format	Color
R _Y B	219, 213, 220
Decimal	14407132
CIE Lab	85.91, 3.29, -2.73
CIE LCh	86, 4.275, 320.321
Yxy	67.8159, 0.3123, 0.3213
Android (android.graphics.Color)	4292597212 (0xFFDBD5DC)
YUV	215.5920, 2.1731, 2.9888
Hunter-Lab	82.3504, -1.2353, 1.9662

Details

The Yxy color **67.8159, 0.3123, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3077, 0.3131, 0.3368**, and the grayscale version is **68.3598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0628, 0.3122, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **56.9768, 0.3108, 0.2963**, and if you desaturate by 10%, it is **80.1727, 0.3135, 0.3450**.

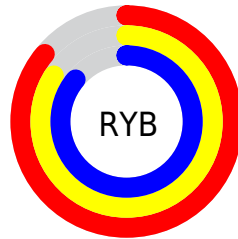
Distribution



Red (86%)

Green (84%)

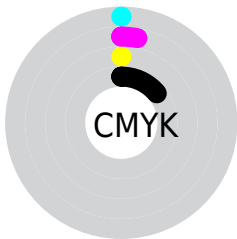
Blue (86%)



Red (86%)

Yellow (84%)

Blue (86%)

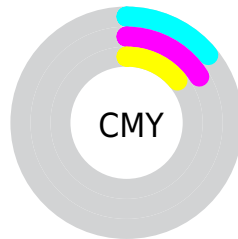


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8159, 0.3123, 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 67.8159, 0.3123, 0.3213 by changing the saturation by 10% instead.

■ 67.8159, 0.3123,
0.3213

■ 67.8159, 0.3123,
0.3213

452.8435, 0.3125,
0.3249

■ 49.7480, 0.3122,
0.3205

116.0887, 0.3124,
0.3226

■ 35.2132, 0.3122,
0.3194

147.0624, 0.3124,
0.3230

■ 23.8271, 0.3121,
0.3181

183.1069, 0.3124,
0.3235

■ 15.2054, 0.3120,
0.3164

224.6064, 0.3124,
0.3238

■ 8.9637, 0.3118,
0.3140

271.9454, 0.3125,
0.3241

■ 4.7175, 0.3116,
0.3105

325.5083, 0.3125,

■ 2.0825, 0.3111,

0.3244

0.3049

385.6796, 0.3125,
0.3247

0.6548, 0.3107,
0.2896

0.0000, 0.0000,
0.0000

67.8159, 0.3123,
0.3213

67.8159, 0.3123,
0.3213

56.9768, 0.3108,
0.2963

80.1727, 0.3135,
0.3450

47.5867, 0.3088,
0.2704

92.7983, 0.3145,
0.3651

39.5842, 0.3064,
0.2444

93.3429, 0.3166,
0.3649

32.9005, 0.3036,
0.2191

93.8980, 0.3187,
0.3647

■ 27.4607, 0.3004,
0.1955

■ 94.4638, 0.3208,
0.3644

■ 23.1822, 0.2968,
0.1747

■ 95.0404, 0.3230,
0.3642

■ 19.9727, 0.2930,
0.1576

■ 95.6276, 0.3251,
0.3640

■ 17.7255, 0.2891,
0.1448

■ 96.2257, 0.3273,
0.3638

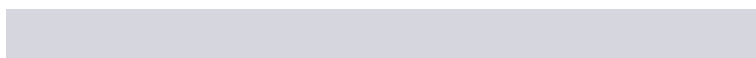
■ 16.3116, 0.2851,
0.1366

■ 96.8347, 0.3295,
0.3635

Harmonies

Analogous

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



67.8159, 0.3072, 0.3200



67.8159, 0.3123, 0.3213



67.8159, 0.3175, 0.3246

Triad

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



67.8159, 0.3123, 0.3213



67.8159, 0.3219, 0.3370



67.8159, 0.3040, 0.3288

Complementary

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



67.8159, 0.3123, 0.3213



70.3077, 0.3131, 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.



67.8159, 0.3079, 0.3335



67.8159, 0.3123, 0.3213



67.8159, 0.3182, 0.3382

Square

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



67.8159, 0.3123, 0.3213



67.8159, 0.3231, 0.3337



67.8159, 0.3131, 0.3369



67.8159, 0.3025, 0.3243

Rectangle

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



67.8159, 0.3123, 0.3213



67.8159, 0.3204, 0.3276



67.8159, 0.3131, 0.3369



67.8159, 0.3051, 0.3304

Sweetspot

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



67.8188, 0.3123, 0.3213



98.3104, 0.3126, 0.3266



67.5039, 0.3080, 0.3225



21.0603, 0.3126, 0.3267



0.0000, 0.0000, 0.0000



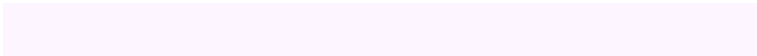
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.8188, 0.3123, 0.3213



93.3711, 0.3122, 0.3192



67.8614, 0.3147, 0.3239



14.2922, 0.3121, 0.3175



9.2407, 0.2830, 0.1332



0.6264, 0.2895, 0.1369

Inverse Universe

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



67.6753, 0.3171, 0.3278



93.1192, 0.3184, 0.3275



70.2675, 0.3108, 0.3342



14.2469, 0.3194, 0.3273



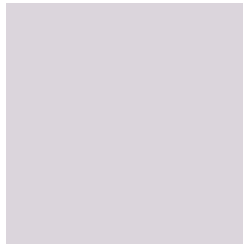
9.0060, 0.6181, 0.3179



0.5938, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 67.8159, 0.3123, 0.3213 looks on a white background.

Color Contrast Check

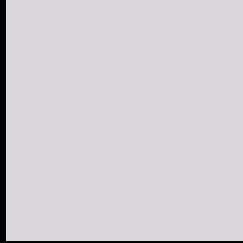
Large Text (above 18pt) WCAG AA × Fail

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 67.8159, 0.3123, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

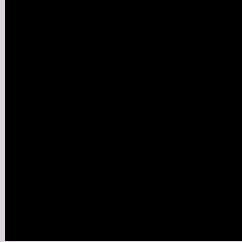
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

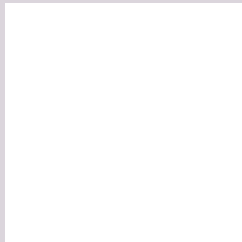
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8159, 0.3123, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 67.8159, 0.3123, 0.3213.

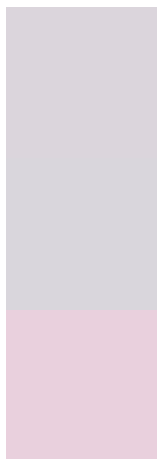


This preview shows how white text looks on a background with the Yxy color 67.8159, 0.3123, 0.3213.

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

67.8159, 0.3123, 0.3213

Protanopia

68.0122, 0.3108, 0.3224

Deuteranopia

67.6558, 0.3224, 0.3151



Tritanopia

67.9040, 0.3077, 0.3116

Trichromacy



Original Color

67.8159, 0.3123, 0.3213

Protanomaly

68.1659, 0.3116, 0.3224

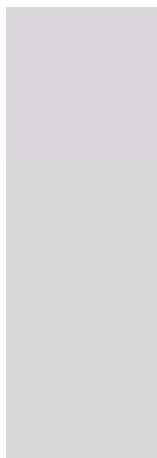
Deuteranomaly

67.8076, 0.3185, 0.3171

Tritanomaly

67.7389, 0.3097, 0.3148

Monochromacy



Original Color

67.8159, 0.3123, 0.3213

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.3623, 0.3128, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8159, 0.3123, 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(219, 213, 220) looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.8159, 0.3123, 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(219, 213, 220) }
```

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

```
.border{ border-color:rgb(219, 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(219, 213, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 220);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8159, 0.3123, 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(219, 213, 220) }
```

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

```
.background{ background-color: rgb(219,  
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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