

Converting Colors

Yxy(61.1381, 0.3177, 0.3069)

Have a look what the booklet for
Yxy(61.1381, 0.3177, 0.3069)
contains.

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Color

Yxy(61.1381, 0.3177, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	DFC6DA
RGB	223, 198, 218
RGB Percent	87%, 78%, 85%
CMY	0.1253, 0.2236, 0.1452
CMYK	0.00, 0.11, 0.02, 0.13
HSL	312°, 28%, 83%
HSV	312°, 11%, 87%
XYZ	63.2896, 61.1381, 74.7841
YIQ	207.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

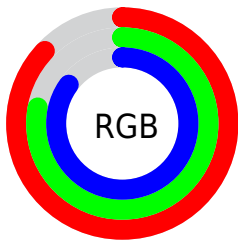
Format	Color
R _Y B	223, 198, 218
Decimal	14665434
CIE Lab	82.45, 12.25, -6.71
CIE LCh	82, 13.970, 331.278
Yxy	61.1381, 0.3177, 0.3069
Android (android.graphics.Color)	4292855514 (0xFFDFC6DA)
YUV	207.7550, 5.0508, 13.3699
Hunter-Lab	78.1909, 7.6483, -1.9732

Details

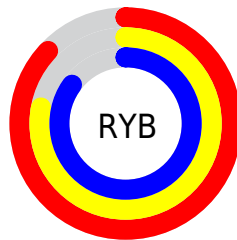
The Yxy color **61.1381, 0.3177, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1202, 0.3081, 0.3521**, and the grayscale version is **62.8764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9157, 0.3192, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **51.4517, 0.3229, 0.2865**, and if you desaturate by 10%, it is **72.3377, 0.3132, 0.3266**.

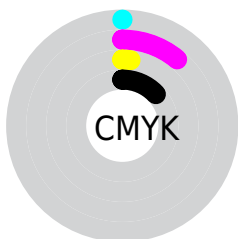
Distribution



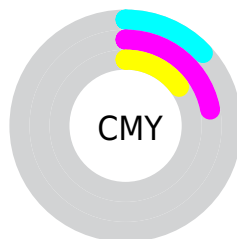
- Red (87%)
- Green (78%)
- Blue (85%)



- Red (87%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1381, 0.3177, 0.3069 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 61.1381, 0.3177, 0.3069 by changing the saturation by 10% instead.

61.1381, 0.3177,
0.3069

61.1381, 0.3177,
0.3069

428.7802, 0.3154,
0.3173

44.3366, 0.3182,
0.3045

106.4789, 0.3169,
0.3105

30.9352, 0.3189,
0.3015

135.7870, 0.3166,
0.3119

20.5495, 0.3197,
0.2977

170.0327, 0.3163,
0.3131

12.7951, 0.3207,
0.2926

209.6005, 0.3161,
0.3142

7.2876, 0.3221,
0.2857

254.8748, 0.3159,
0.3151

3.6426, 0.3242,
0.2754

306.2399, 0.3157,

1.4757, 0.3273,

0.3159

0.2588

364.0802, 0.3156,
0.3166

0.2716, 0.3496,
0.1704

0.0000, 0.0000,
0.0000

61.1381, 0.3177,
0.3069

61.1381, 0.3177,
0.3069

51.4517, 0.3229,
0.2865

72.3377, 0.3132,
0.3266

43.2051, 0.3288,
0.2660

85.1039, 0.3094,
0.3454

36.3307, 0.3354,
0.2460

93.0138, 0.3064,
0.3531

30.7524, 0.3426,
0.2275

93.2725, 0.3039,
0.3484

■ 26.3866, 0.3503,
0.2115

■ 93.5379, 0.3014,
0.3437

■ 23.1399, 0.3583,
0.1989

■ 93.8098, 0.2989,
0.3391

■ 20.9054, 0.3663,
0.1906

■ 94.0885, 0.2964,
0.3345

■ 19.5550, 0.3740,
0.1869

■ 94.3739, 0.2940,
0.3299

■ 18.9094, 0.3805,
0.1870

■ 94.4357, 0.2935,
0.3289

Harmonies

Analogous

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



61.1381, 0.2998, 0.2998



61.1381, 0.3177, 0.3069



61.1381, 0.3346, 0.3195

Triad

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



61.1381, 0.3177, 0.3069



61.1381, 0.3399, 0.3584



61.1381, 0.2808, 0.3219

Complementary

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



61.1381, 0.3177, 0.3069



69.1202, 0.3081, 0.3521

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.



61.1381, 0.2910, 0.3385



61.1381, 0.3177, 0.3069



61.1381, 0.3250, 0.3600

Square

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



61.1381, 0.3177, 0.3069



61.1381, 0.3476, 0.3489



61.1381, 0.3070, 0.3527



61.1381, 0.2790, 0.3079

Rectangle

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



61.1381, 0.3177, 0.3069



61.1381, 0.3429, 0.3295



61.1381, 0.3070, 0.3527



61.1381, 0.2834, 0.3273

Sweetspot

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



61.1408, 0.3177, 0.3069



95.1166, 0.3140, 0.3232



58.4110, 0.2988, 0.3001



20.0865, 0.3143, 0.3216



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.



61.1408, 0.3177, 0.3069



80.2190, 0.3186, 0.3031



60.5119, 0.3270, 0.3206



13.8857, 0.3168, 0.3105



11.1296, 0.3795, 0.1864



0.7836, 0.3687, 0.1805

Inverse Universe

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



61.1408, 0.3177, 0.3069



80.2190, 0.3186, 0.3031



69.7395, 0.3002, 0.3376



13.8857, 0.3168, 0.3105



11.1296, 0.3795, 0.1864



0.7836, 0.3687, 0.1805

Previews

White Background



This preview shows how the Yxy color 61.1381, 0.3177, 0.3069 looks on a white background.

Color Contrast Check

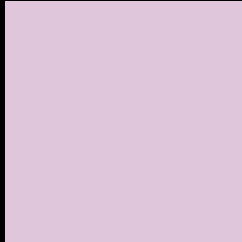
Large Text (above 18pt) WCAG AA × Fail

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 61.1381, 0.3177, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

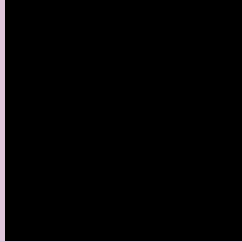
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1381, 0.3177, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 61.1381, 0.3177, 0.3069.



This preview shows how white text looks on a background with the Yxy color 61.1381, 0.3177, 0.3069.

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

61.1381, 0.3177, 0.3069

Protanopia

61.2970, 0.3002, 0.3084

Deuteranopia

61.1244, 0.3153, 0.3079



Tritanopia

61.2315, 0.3197, 0.3123

Trichromacy



Original Color

61.1381, 0.3177, 0.3069

Protanomaly

61.3104, 0.3061, 0.3075

Deuteranomaly

61.2810, 0.3160, 0.3079

Tritanomaly

61.2827, 0.3190, 0.3112

Monochromacy



Original Color

61.1381, 0.3177, 0.3069

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.0853, 0.3139, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1381, 0.3177, 0.3069 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(223, 198, 218)` looks like.

```
.text, #text, p{  
    color:rgb(223, 198, 218)  
}
```

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(223, 198, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 198, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.1381, 0.3177, 0.3069 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(223, 198, 218) }
```

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

```
.border{ border-color:rgb(223, 198, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 198, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 198, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 198, 218);  
box-shadow:4px 4px 4px 4px rgb(223, 198,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1381, 0.3177, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 198, 218) }
```

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

```
.background{ background-color: rgb(223,  
198, 218) }
```

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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