

Converting Colors

Yxy(60.9991, 0.3112, 0.3111)

Have a look what the booklet for
Yxy(60.9991, 0.3112, 0.3111)
contains.

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Color

Yxy(61.0792, 0.3113, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	D6C9D9
RGB	214, 201, 217
RGB Percent	84%, 79%, 85%
CMY	0.1605, 0.2118, 0.1490
CMYK	0.01, 0.07, 0.00, 0.15
HSL	289°, 17%, 82%
HSV	289°, 7%, 85%
XYZ	61.1578, 61.0792, 74.2223
YIQ	206.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

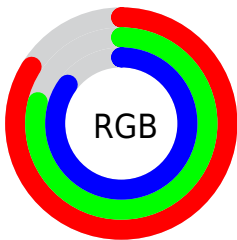
Format	Color
R _Y B	214, 201, 217
Decimal	14076377
CIE Lab	82.42, 7.43, -6.33
CIE LCh	82, 9.757, 319.590
Yxy	61.0792, 0.3113, 0.3109
Android (android.graphics.Color)	4292266457 (0xFFD6C9D9)
YUV	206.7110, 5.0725, 6.3925
Hunter-Lab	78.1532, 2.9148, -1.6007

Details

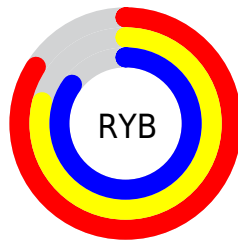
The Yxy color **61.0792, 0.3113, 0.3109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6790, 0.3140, 0.3475**, and the grayscale version is **62.1734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.8470, 0.3107, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **51.0753, 0.3090, 0.2854**, and if you desaturate by 10%, it is **72.5325, 0.3132, 0.3352**.

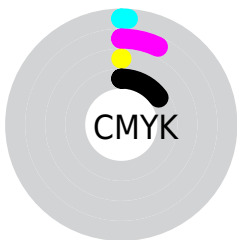
Distribution



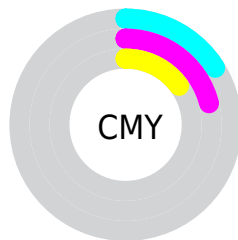
- Red (84%)
- Green (79%)
- Blue (85%)



- Red (84%)
- Yellow (79%)
- Blue (85%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0792, 0.3113, 0.3109 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 61.0792, 0.3113, 0.3109 by changing the saturation by 10% instead.

■ 61.0792, 0.3113,
0.3109

■ 61.0792, 0.3113,
0.3109

428.5643, 0.3120,
0.3194

■ 44.2891, 0.3111,
0.3089

106.3936, 0.3116,
0.3139

■ 30.8978, 0.3109,
0.3064

135.6867, 0.3117,
0.3151

■ 20.5211, 0.3106,
0.3032

169.9162, 0.3118,
0.3160

■ 12.7744, 0.3101,
0.2990

209.4666, 0.3118,
0.3169

■ 7.2734, 0.3095,
0.2932

254.7222, 0.3119,
0.3177

■ 3.6336, 0.3084,
0.2844

306.0674, 0.3119,

■ 1.4708, 0.3064,

0.3183

0.2702

363.8867, 0.3120,
0.3189

0.2681, 0.3032,
0.1864

0.0000, 0.0000,
0.0000

61.0792, 0.3113,
0.3109

61.0792, 0.3113,
0.3109

51.0753, 0.3090,
0.2854

72.5325, 0.3132,
0.3352

42.4532, 0.3062,
0.2592

85.4834, 0.3146,
0.3579

35.1516, 0.3028,
0.2330

92.7081, 0.3165,
0.3683

29.1015, 0.2990,
0.2078

93.3619, 0.3190,
0.3680

■ 24.2276, 0.2947,
0.1847

■ 94.0310, 0.3216,
0.3677

■ 20.4464, 0.2901,
0.1647

■ 94.7153, 0.3241,
0.3674

■ 17.6634, 0.2852,
0.1486

■ 95.4149, 0.3267,
0.3671

■ 15.7678, 0.2803,
0.1371

■ 96.1300, 0.3293,
0.3668

■ 14.6100, 0.2755,
0.1300

■ 96.8607, 0.3319,
0.3665

Harmonies

Analogous

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



61.0792, 0.2994, 0.3079



61.0792, 0.3113, 0.3109



61.0792, 0.3238, 0.3185

Triad

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



61.0792, 0.3113, 0.3109



61.0792, 0.3345, 0.3476



61.0792, 0.2925, 0.3286

Complementary

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



61.0792, 0.3113, 0.3109



66.6790, 0.3140, 0.3475

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.



61.0792, 0.3016, 0.3398



61.0792, 0.3113, 0.3109



61.0792, 0.3258, 0.3509

Square

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



61.0792, 0.3113, 0.3109



61.0792, 0.3373, 0.3395



61.0792, 0.3138, 0.3481



61.0792, 0.2887, 0.3178

Rectangle

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



61.0792, 0.3113, 0.3109



61.0792, 0.3307, 0.3253



61.0792, 0.3138, 0.3481



61.0792, 0.2950, 0.3325

Sweetspot

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



61.0818, 0.3113, 0.3109



96.6114, 0.3124, 0.3241



60.7018, 0.3014, 0.3141



20.7143, 0.3124, 0.3244



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.



61.0818, 0.3113, 0.3109



85.4286, 0.3109, 0.3067



61.2836, 0.3170, 0.3164



13.1473, 0.3109, 0.3058



8.7364, 0.2749, 0.1288



0.5981, 0.2828, 0.1332

Inverse Universe

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



60.8763, 0.3231, 0.3257



85.0736, 0.3257, 0.3249



66.4958, 0.3087, 0.3420



13.0905, 0.3263, 0.3247



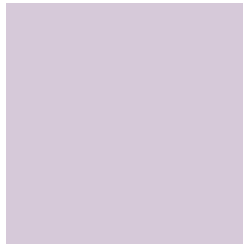
9.0338, 0.6106, 0.3137



0.5970, 0.5667, 0.2896

Previews

White Background



This preview shows how the Yxy color 61.0792, 0.3113, 0.3109 looks on a white background.

Color Contrast Check

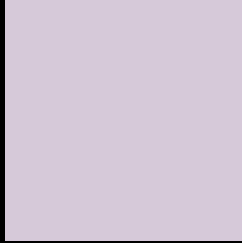
Large Text (above 18pt) WCAG AA × Fail

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 61.0792, 0.3113, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

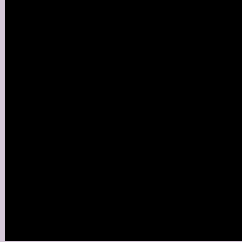
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

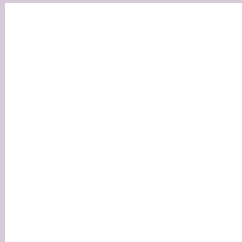
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0792, 0.3113, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 61.0792, 0.3113, 0.3109.

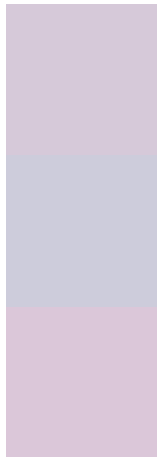


This preview shows how white text looks on a background with the Yxy color 61.0792, 0.3113, 0.3109.

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

61.0792, 0.3113, 0.3109

Protanopia

61.2793, 0.3030, 0.3118

Deuteranopia

60.9167, 0.3152, 0.3089



Tritanopia

61.0792, 0.3113, 0.3109

Trichromacy



Original Color

61.0792, 0.3113, 0.3109

Protanomaly

61.1837, 0.3060, 0.3119

Deuteranomaly

61.0700, 0.3136, 0.3099

Tritanomaly

61.0792, 0.3113, 0.3109

Monochromacy



Original Color

61.0792, 0.3113, 0.3109

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0674, 0.3123, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0792, 0.3113, 0.3109 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, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 217)  
}
```

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, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 217) }
```

Border

The CSS property to change the border of an element to Yxy 61.0792, 0.3113, 0.3109 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, 201, 217) }
```

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

```
.border{ border-color:rgb(214, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0792, 0.3113, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 217) }
```

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

```
.background{ background-color: rgb(214,  
201, 217) }
```

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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