

Converting Colors

Yxy(61.3899, 0.3205, 0.3124)

Have a look what the booklet for
Yxy(61.3899, 0.3205, 0.3124)
contains.

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Color

Yxy(61.3899, 0.3205, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	DFC7D6
RGB	223, 199, 214
RGB Percent	87%, 78%, 84%
CMY	0.1256, 0.2195, 0.1608
CMYK	0.00, 0.11, 0.04, 0.13
HSL	322°, 27%, 83%
HSV	322°, 11%, 87%
XYZ	62.9816, 61.3899, 72.1390
YIQ	207.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

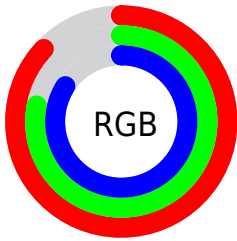
Format	Color
R _Y B	223, 199, 214
Decimal	14665686
CIE Lab	82.59, 10.96, -4.38
CIE LCh	83, 11.802, 338.238
Yxy	61.3899, 0.3205, 0.3124
Android (android.graphics.Color)	4292855766 (0xFFDFC7D6)
YUV	207.8860, 3.0142, 13.2550
Hunter-Lab	78.3517, 6.3686, 0.2574

Details

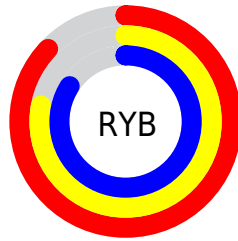
The Yxy color **61.3899, 0.3205, 0.3124** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4528, 0.3057, 0.3462**, and the grayscale version is **62.9729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0788, 0.3231, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **51.4557, 0.3292, 0.2962**, and if you desaturate by 10%, it is **72.8545, 0.3132, 0.3279**.

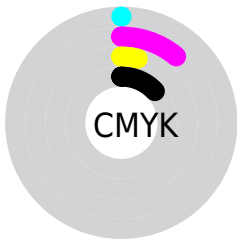
Distribution



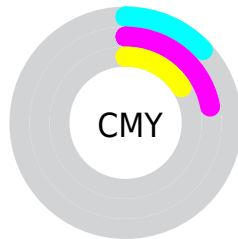
- Red (87%)
- Green (78%)
- Blue (84%)



- Red (87%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3899, 0.3205, 0.3124 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 61.3899, 0.3205, 0.3124 by changing the saturation by 10% instead.


 61.3899, 0.3205,
0.3124

 61.3899, 0.3205,
0.3124


429.7022, 0.3168,
0.3202

 44.5399, 0.3214,
0.3106


106.8433, 0.3192,
0.3151

 31.0952, 0.3224,
0.3083


136.2155, 0.3187,
0.3162

 20.6713, 0.3238,
0.3054


170.5305, 0.3183,
0.3171

 12.8840, 0.3256,
0.3015

210.1727, 0.3179,
0.3179

 7.3487, 0.3281,
0.2962

255.5267, 0.3176,
0.3186

 3.6811, 0.3318,
0.2883

306.9766, 0.3173,

 1.4968, 0.3379,

0.3192

0.2753

364.9070, 0.3171,
0.3197

0.2865, 0.3738,
0.1984

0.0000, 0.0000,
0.0000

61.3899, 0.3205,
0.3124

61.3899, 0.3205,
0.3124

51.4557, 0.3292,
0.2962

72.8545, 0.3132,
0.3279

42.9785, 0.3394,
0.2797

85.9030, 0.3071,
0.3425

35.8908, 0.3513,
0.2634

93.4370, 0.3021,
0.3452

30.1165, 0.3648,
0.2482

93.9427, 0.2975,
0.3366

■ 25.5724, 0.3799,
0.2350

■ 94.4216, 0.2934,
0.3289

■ 22.1652, 0.3963,
0.2251

■ 19.7888, 0.4133,
0.2196

■ 18.3161, 0.4303,
0.2192

■ 17.5572, 0.4456,
0.2229

Harmonies

Analogous

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



61.3899, 0.3052, 0.3051



61.3899, 0.3205, 0.3124



61.3899, 0.3339, 0.3239

Triad

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



61.3899, 0.3205, 0.3124



61.3899, 0.3332, 0.3548



61.3899, 0.2847, 0.3200

Complementary

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



61.3899, 0.3205, 0.3124



69.4528, 0.3057, 0.3462

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.



61.3899, 0.2918, 0.3338



61.3899, 0.3205, 0.3124



61.3899, 0.3197, 0.3543

Square

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



61.3899, 0.3205, 0.3124



61.3899, 0.3413, 0.3482



61.3899, 0.3045, 0.3465



61.3899, 0.2848, 0.3091

Rectangle

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



61.3899, 0.3205, 0.3124



61.3899, 0.3399, 0.3326



61.3899, 0.3045, 0.3465



61.3899, 0.2863, 0.3245

Sweetspot

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



61.3926, 0.3205, 0.3124



95.0325, 0.3148, 0.3244



59.5628, 0.3024, 0.3017



20.0638, 0.3153, 0.3232



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.



61.3926, 0.3205, 0.3124



79.8683, 0.3224, 0.3086



60.8125, 0.3293, 0.3255



13.8440, 0.3195, 0.3144



10.3501, 0.4433, 0.2216



0.7346, 0.4194, 0.2084

Inverse Universe

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



61.3926, 0.3205, 0.3124



79.8683, 0.3224, 0.3086



70.0540, 0.2983, 0.3326



13.8440, 0.3195, 0.3144



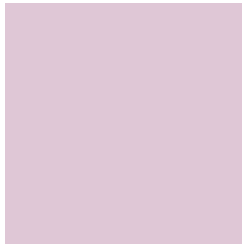
10.3501, 0.4433, 0.2216



0.7346, 0.4194, 0.2084

Previews

White Background



This preview shows how the Yxy color 61.3899, 0.3205, 0.3124 looks on a white background.

Color Contrast Check

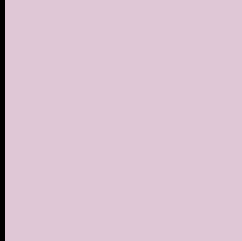
Large Text (above 18pt) WCAG AA × Fail

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 61.3899, 0.3205, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

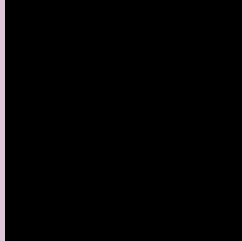
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3899, 0.3205, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 61.3899, 0.3205, 0.3124.



This preview shows how white text looks on a background with the Yxy color 61.3899, 0.3205, 0.3124.

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

61.3899, 0.3205, 0.3124

Protanopia

61.3173, 0.3051, 0.3141

Deuteranopia

61.2315, 0.3197, 0.3123



Tritanopia

61.4411, 0.3198, 0.3113

Trichromacy



Original Color

61.3899, 0.3205, 0.3124

Protanomaly

61.1960, 0.3104, 0.3131

Deuteranomaly

61.2315, 0.3197, 0.3123

Tritanomaly

61.4411, 0.3198, 0.3113

Monochromacy



Original Color

61.3899, 0.3205, 0.3124

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4619, 0.3153, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3899, 0.3205, 0.3124 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, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(223, 199, 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(223, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 199, 214) }
```

Border

The CSS property to change the border of an element to Yxy 61.3899, 0.3205, 0.3124 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, 199, 214) }
```

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

```
.border{ border-color:rgb(223, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(223, 199,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3899, 0.3205, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 199, 214) }
```

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

```
.background{ background-color: rgb(223,  
199, 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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