

Converting Colors

Yxy(61.5980, 0.3205, 0.3053)

Have a look what the booklet for
Yxy(61.5980, 0.3205, 0.3053)
contains.

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Color

Yxy(61.5410, 0.3209, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	E4C5DB
RGB	228, 197, 219
RGB Percent	89%, 77%, 86%
CMY	0.1058, 0.2274, 0.1412
CMYK	0.00, 0.14, 0.04, 0.11
HSL	317°, 36%, 83%
HSV	317°, 14%, 89%
XYZ	64.7492, 61.5410, 75.4836
YIQ	208.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

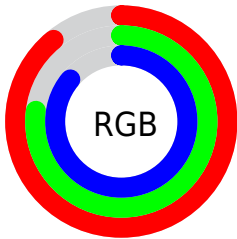
Format	Color
R _Y B	228, 197, 219
Decimal	14992859
CIE Lab	82.67, 14.65, -6.89
CIE LCh	83, 16.192, 334.816
Yxy	61.5410, 0.3209, 0.3050
Android (android.graphics.Color)	4293182939 (0xFFE4C5DB)
YUV	208.7770, 5.0399, 16.8586
Hunter-Lab	78.4481, 10.0456, -2.1358

Details

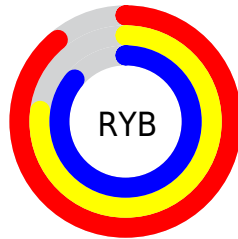
The Yxy color **61.5410, 0.3209, 0.3050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8193, 0.3054, 0.3543**, and the grayscale version is **63.5708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.0959, 0.3225, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **51.6181, 0.3282, 0.2866**, and if you desaturate by 10%, it is **73.0492, 0.3147, 0.3228**.

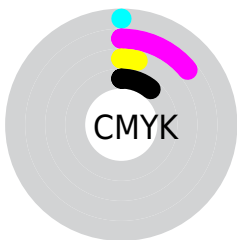
Distribution



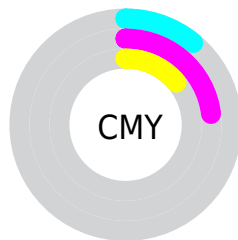
- Red (89%)
- Green (77%)
- Blue (86%)



- Red (89%)
- Yellow (77%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (11%)





- Cyan (11%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5410, 0.3209, 0.3050 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 61.5410, 0.3209, 0.3050 by changing the saturation by 10% instead.


 61.5410, 0.3209,
0.3050

 61.5410, 0.3209,
0.3050

430.2548, 0.3171,
0.3162

 44.6619, 0.3218,
0.3024

107.0619, 0.3196,
0.3089

 31.1912, 0.3228,
0.2992


136.4725, 0.3191,
0.3104

 20.7445, 0.3242,
0.2951


170.8290, 0.3186,
0.3117

 12.9374, 0.3260,
0.2897

210.5159, 0.3182,
0.3129

 7.3854, 0.3284,
0.2822

255.9175, 0.3179,
0.3139

 3.7043, 0.3320,
0.2713

307.4183, 0.3176,

 1.5096, 0.3376,

0.3147

0.2538

365.4026, 0.3173,
0.3155

0.2954, 0.3675,
0.1701

0.0000, 0.0000,
0.0000

61.5410, 0.3209,
0.3050

61.5410, 0.3209,
0.3050

51.6181, 0.3282,
0.2866

73.0492, 0.3147,
0.3228

43.2021, 0.3366,
0.2681

86.2005, 0.3095,
0.3397

36.2203, 0.3461,
0.2501

94.2400, 0.3053,
0.3453

30.5903, 0.3568,
0.2337

94.6385, 0.3016,
0.3385

■ 26.2217, 0.3683,
0.2198

■ 95.0515, 0.2980,
0.3318

■ 23.0129, 0.3805,
0.2095

■ 95.2355, 0.2964,
0.3290

■ 20.8463, 0.3928,
0.2038

■ 19.5792, 0.4049,
0.2030

■ 19.0958, 0.4125,
0.2046

Harmonies

Analogous

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



61.5410, 0.3001, 0.2960



61.5410, 0.3209, 0.3050



61.5410, 0.3400, 0.3199

Triad

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



61.5410, 0.3209, 0.3050



61.5410, 0.3425, 0.3638



61.5410, 0.2752, 0.3184

Complementary

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



61.5410, 0.3209, 0.3050



71.8193, 0.3054, 0.3543

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.



61.5410, 0.2858, 0.3377



61.5410, 0.3209, 0.3050



61.5410, 0.3244, 0.3646

Square

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



61.5410, 0.3209, 0.3050



61.5410, 0.3526, 0.3536



61.5410, 0.3037, 0.3549



61.5410, 0.2742, 0.3030

Rectangle

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



61.5410, 0.3209, 0.3050



61.5410, 0.3490, 0.3316



61.5410, 0.3037, 0.3549



61.5410, 0.2777, 0.3247

Sweetspot

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



61.5437, 0.3209, 0.3050



93.4745, 0.3149, 0.3221



58.6271, 0.2974, 0.2937



19.7529, 0.3154, 0.3207



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.



61.5437, 0.3209, 0.3050



75.9344, 0.3226, 0.3004



60.7754, 0.3325, 0.3216



14.5401, 0.3182, 0.3125



11.0472, 0.4108, 0.2037



0.8323, 0.3946, 0.1947

Inverse Universe

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



61.5437, 0.3209, 0.3050



75.9344, 0.3226, 0.3004



72.5985, 0.2960, 0.3365



14.5401, 0.3182, 0.3125



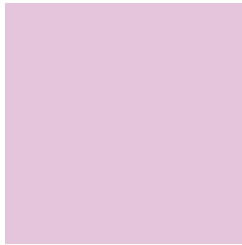
11.0472, 0.4108, 0.2037



0.8323, 0.3946, 0.1947

Previews

White Background



This preview shows how the Yxy color 61.5410, 0.3209, 0.3050 looks on a white background.

Color Contrast Check

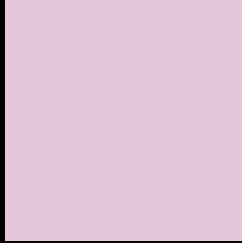
Large Text (above 18pt) WCAG AA × Fail

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 61.5410, 0.3209, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

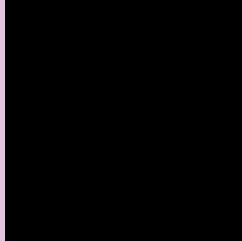
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5410, 0.3209, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 61.5410, 0.3209, 0.3050.



This preview shows how white text looks on a background with the Yxy color 61.5410, 0.3209, 0.3050.

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

61.5410, 0.3209, 0.3050

Protanopia

61.8818, 0.2989, 0.3073

Deuteranopia

61.5862, 0.3152, 0.3090



Tritanopia

61.5232, 0.3245, 0.3125

Trichromacy



Original Color

61.5410, 0.3209, 0.3050

Protanomaly

61.6611, 0.3069, 0.3065

Deuteranomaly

61.5968, 0.3176, 0.3080

Tritanomaly

61.6254, 0.3230, 0.3103

Monochromacy



Original Color

61.5410, 0.3209, 0.3050

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0657, 0.3154, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5410, 0.3209, 0.3050 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(228, 197, 219)` looks like.

```
.text, #text, p{  
    color:rgb(228, 197, 219)  
}
```

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(228, 197, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 197, 219) }
```

Border

The CSS property to change the border of an element to Yxy 61.5410, 0.3209, 0.3050 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(228, 197, 219) }
```

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

```
.border{ border-color:rgb(228, 197, 219) }
```

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

Here you see how a box with a 4 pixel rgb(228, 197, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 197, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 197, 219);  
box-shadow:4px 4px 4px 4px rgb(228, 197,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5410, 0.3209, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 197, 219) }
```

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

```
.background{ background-color: rgb(228,  
197, 219) }
```

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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