

Converting Colors

Yxy(61.0289, 0.3249, 0.3051)

Have a look what the booklet for
Yxy(61.0289, 0.3249, 0.3051)
contains.

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Color

Yxy(61.0289, 0.3249, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	E7C3D9
RGB	231, 195, 217
RGB Percent	91%, 76%, 85%
CMY	0.0942, 0.2352, 0.1490
CMYK	0.00, 0.16, 0.06, 0.09
HSL	323°, 43%, 84%
HSV	323°, 16%, 91%
XYZ	64.9895, 61.0289, 74.0108
YIQ	208.2720, 14.3940, 14.4740

Conversions

Conversions Part 2

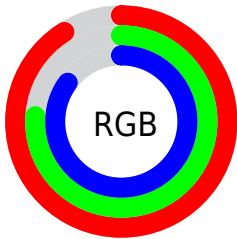
Format	Color
R _Y B	231, 195, 217
Decimal	15188953
CIE Lab	82.39, 16.38, -6.20
CIE LCh	82, 17.515, 339.253
Yxy	61.0289, 0.3249, 0.3051
Android (android.graphics.Color)	4293379033 (0xFFE7C3D9)
YUV	208.2720, 4.3029, 19.9325
Hunter-Lab	78.1210, 11.7838, -1.4859

Details

The Yxy color **61.0289, 0.3249, 0.3051** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3429, 0.3022, 0.3542**, and the grayscale version is **63.2273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.7723, 0.3279, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **51.0145, 0.3346, 0.2890**, and if you desaturate by 10%, it is **72.6750, 0.3167, 0.3207**.

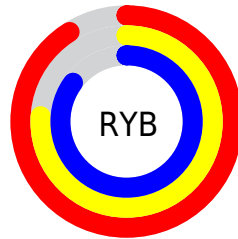
Distribution



Red (91%)

Green (76%)

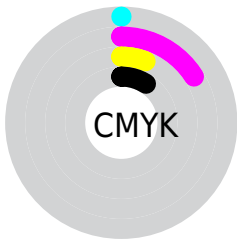
Blue (85%)



Red (91%)

Yellow (76%)

Blue (85%)

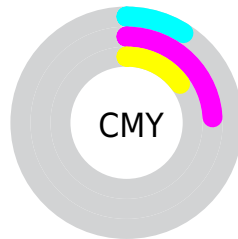


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0289, 0.3249, 0.3051 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 61.0289, 0.3249, 0.3051 by changing the saturation by 10% instead.


 61.0289, 0.3249,
0.3051

 61.0289, 0.3249,
0.3051


428.3800, 0.3192,
0.3163

 44.2485, 0.3262,
0.3025


 106.3208, 0.3229,
0.3090

 30.8659, 0.3279,
0.2993


135.6010, 0.3221,
0.3105

 20.4968, 0.3300,
0.2952


169.8167, 0.3215,
0.3118

 12.7567, 0.3327,
0.2898

209.3522, 0.3209,
0.3130

 7.2612, 0.3366,
0.2823

254.5918, 0.3204,
0.3139

 3.6260, 0.3422,
0.2713


305.9201, 0.3199,

 1.4666, 0.3514,


0.3148


0.2536


363.7213, 0.3195,
0.3156


 0.2651, 0.3976,
0.1617


 0.0000, 0.0000,
0.0000


 61.0289, 0.3249,
0.3051


 61.0289, 0.3249,
0.3051


 51.0145, 0.3346,
0.2890


 72.6750, 0.3167,
0.3207


 42.5498, 0.3461,
0.2728

 86.0137, 0.3098,
0.3354

 35.5583, 0.3593,
0.2572

 95.0307, 0.3043,
0.3401

 29.9532, 0.3743,
0.2431

 95.5884, 0.2993,
0.3311

■ 25.6389, 0.3907,
0.2316

■ 95.7245, 0.2981,
0.3290

■ 22.5073, 0.4082,
0.2240

■ 20.4327, 0.4262,
0.2213

■ 19.2603, 0.4437,
0.2238

■ 18.9174, 0.4514,
0.2261

Harmonies

Analogous

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



61.0289, 0.3022, 0.2943



61.0289, 0.3249, 0.3051



61.0289, 0.3449, 0.3219

Triad

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



61.0289, 0.3249, 0.3051



61.0289, 0.3425, 0.3676



61.0289, 0.2712, 0.3146

Complementary

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



61.0289, 0.3249, 0.3051



73.3429, 0.3022, 0.3542

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.



61.0289, 0.2812, 0.3352



61.0289, 0.3249, 0.3051



61.0289, 0.3221, 0.3669

Square

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



61.0289, 0.3249, 0.3051



61.0289, 0.3551, 0.3577



61.0289, 0.2997, 0.3548



61.0289, 0.2719, 0.2990

Rectangle

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



61.0289, 0.3249, 0.3051



61.0289, 0.3536, 0.3345



61.0289, 0.2997, 0.3548



61.0289, 0.2735, 0.3212

Sweetspot

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



61.0316, 0.3249, 0.3051



91.8185, 0.3163, 0.3215



58.3304, 0.2976, 0.2885



19.4161, 0.3168, 0.3204



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.



61.0316, 0.3249, 0.3051



71.7354, 0.3282, 0.2994



60.1542, 0.3387, 0.3244



14.5155, 0.3197, 0.3147



10.6331, 0.4488, 0.2246



0.8038, 0.4251, 0.2115

Inverse Universe

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



61.0316, 0.3249, 0.3051



71.7354, 0.3282, 0.2994



74.2747, 0.2916, 0.3336



14.5155, 0.3197, 0.3147



10.6331, 0.4488, 0.2246



0.8038, 0.4251, 0.2115

Previews

White Background



This preview shows how the Yxy color 61.0289, 0.3249, 0.3051 looks on a white background.

Color Contrast Check

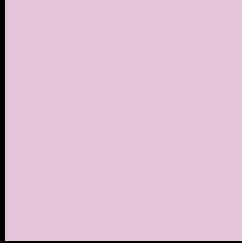
Large Text (above 18pt) WCAG AA × Fail

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 61.0289, 0.3249, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

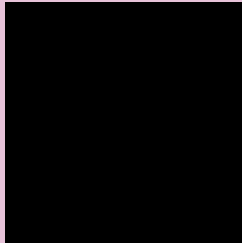
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0289, 0.3249, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 61.0289, 0.3249, 0.3051.



This preview shows how white text looks on a background with the Yxy color 61.0289, 0.3249, 0.3051.

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

61.0289, 0.3249, 0.3051

Protanopia

61.2970, 0.3002, 0.3084

Deuteranopia

61.0204, 0.3167, 0.3100



Tritanopia

61.0060, 0.3286, 0.3126

Trichromacy



Original Color

61.0289, 0.3249, 0.3051

Protanomaly

61.2367, 0.3091, 0.3076

Deuteranomaly

61.1933, 0.3199, 0.3091

Tritanomaly

61.1069, 0.3271, 0.3104

Monochromacy



Original Color

61.0289, 0.3249, 0.3051

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.0140, 0.3170, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0289, 0.3249, 0.3051 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(231, 195, 217)` looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 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(231, 195, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 217) }
```

Border

The CSS property to change the border of an element to Yxy 61.0289, 0.3249, 0.3051 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(231, 195, 217) }
```

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

```
.border{ border-color:rgb(231, 195, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 195, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 195, 217);  
box-shadow:4px 4px 4px 4px rgb(231, 195,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0289, 0.3249, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 217) }
```

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

```
.background{ background-color: rgb(231,  
195, 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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