

Converting Colors

$Y_{xy}(61.1550, 0.3193, 0.3041)$

Have a look what the booklet for
Yxy(61.1550, 0.3193, 0.3041)
contains.

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Color

Yxy(61.2157, 0.3193, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	E2C5DB
RGB	226, 197, 219
RGB Percent	89%, 77%, 86%
CMY	0.1139, 0.2274, 0.1412
CMYK	0.00, 0.13, 0.03, 0.11
HSL	314°, 33%, 83%
HSV	314°, 13%, 89%
XYZ	64.1068, 61.2157, 75.4505
YIQ	208.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

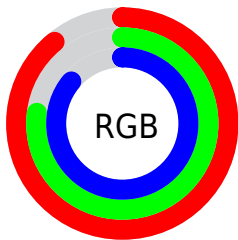
Format	Color
R _Y B	226, 197, 219
Decimal	14861787
CIE Lab	82.49, 13.94, -7.16
CIE LCh	82, 15.676, 332.805
Yxy	61.2157, 0.3193, 0.3049
Android (android.graphics.Color)	4293051867 (0xFFE2C5DB)
YUV	208.1790, 5.3348, 15.6290
Hunter-Lab	78.2405, 9.3343, -2.4075

Details

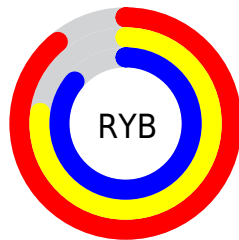
The Yxy color **61.2157, 0.3193, 0.3049** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6045, 0.3067, 0.3544**, and the grayscale version is **63.1575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.9832, 0.3215, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **51.4310, 0.3254, 0.2853**, and if you desaturate by 10%, it is **72.5532, 0.3140, 0.3238**.

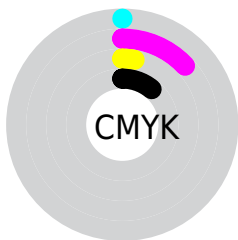
Distribution



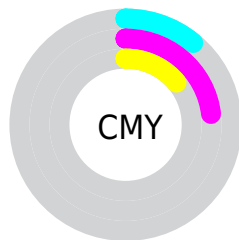
- Red (89%)
- Green (77%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2157, 0.3193, 0.3049 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 61.2157, 0.3193, 0.3049 by changing the saturation by 10% instead.

 61.2157, 0.3193,
0.3049

 61.2157, 0.3193,
0.3049


429.0644, 0.3163,
0.3162

 44.3993, 0.3200,
0.3023


106.5912, 0.3182,
0.3088

 30.9845, 0.3208,
0.2990


135.9190, 0.3178,
0.3104

 20.5871, 0.3219,
0.2949


170.1862, 0.3175,
0.3117

 12.8225, 0.3233,
0.2895

209.7769, 0.3172,
0.3128

 7.3064, 0.3252,
0.2819

255.0757, 0.3169,
0.3138

 3.6545, 0.3280,
0.2709


306.4670, 0.3167,


 1.4822, 0.3322,


0.3147


0.2531


364.3351, 0.3165,
0.3155


 0.2762, 0.3587,
0.1643


 0.0000, 0.0000,
0.0000

 61.2157, 0.3193,
0.3049


 61.2157, 0.3193,
0.3049


 51.4310, 0.3254,
0.2853

 72.5532, 0.3140,
0.3238


 43.1229, 0.3324,
0.2657

 85.4995, 0.3096,
0.3418

 36.2205, 0.3403,
0.2467

 93.6991, 0.3060,
0.3490

 30.6441, 0.3490,
0.2291

 94.0190, 0.3030,
0.3434

■ 26.3060, 0.3584,
0.2142

■ 94.3485, 0.3000,
0.3378

■ 23.1079, 0.3681,
0.2028

■ 94.6878, 0.2970,
0.3323

■ 20.9364, 0.3779,
0.1958

■ 94.9027, 0.2952,
0.3289

■ 19.6546, 0.3874,
0.1936

■ 19.1246, 0.3941,
0.1945

Harmonies

Analogous

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



61.2157, 0.2992, 0.2966



61.2157, 0.3193, 0.3049



61.2157, 0.3381, 0.3191

Triad

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



61.2157, 0.3193, 0.3049



61.2157, 0.3425, 0.3623



61.2157, 0.2767, 0.3200

Complementary

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



61.2157, 0.3193, 0.3049



70.6045, 0.3067, 0.3544

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.



61.2157, 0.2876, 0.3387



61.2157, 0.3193, 0.3049



61.2157, 0.3254, 0.3638

Square

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



61.2157, 0.3193, 0.3049



61.2157, 0.3517, 0.3519



61.2157, 0.3053, 0.3550



61.2157, 0.2751, 0.3046

Rectangle

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



61.2157, 0.3193, 0.3049



61.2157, 0.3472, 0.3304



61.2157, 0.3053, 0.3550



61.2157, 0.2794, 0.3261

Sweetspot

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



61.2184, 0.3193, 0.3049



93.5067, 0.3146, 0.3216



58.2357, 0.2973, 0.2958



19.7611, 0.3150, 0.3202



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.



61.2184, 0.3193, 0.3049



77.3980, 0.3206, 0.3005



60.4993, 0.3300, 0.3204



13.8763, 0.3174, 0.3114



10.9341, 0.3927, 0.1937



0.7716, 0.3793, 0.1863

Inverse Universe

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



61.2184, 0.3193, 0.3049



77.3980, 0.3206, 0.3005



71.3202, 0.2979, 0.3377



13.8763, 0.3174, 0.3114



10.9341, 0.3927, 0.1937



0.7716, 0.3793, 0.1863

Previews

White Background



This preview shows how the Yxy color 61.2157, 0.3193, 0.3049 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 61.2157, 0.3193, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

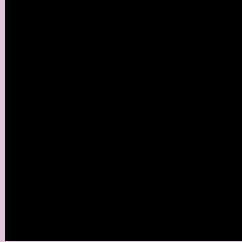
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2157, 0.3193, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 61.2157, 0.3193, 0.3049.



This preview shows how white text looks on a background with the Yxy color 61.2157, 0.3193, 0.3049.

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

61.2157, 0.3193, 0.3049

Protanopia

61.3508, 0.2996, 0.3073

Deuteranopia

61.0214, 0.3138, 0.3067



Tritanopia

61.1998, 0.3229, 0.3124

Trichromacy



Original Color

61.2157, 0.3193, 0.3049

Protanomaly

61.0443, 0.3062, 0.3053

Deuteranomaly

61.0322, 0.3161, 0.3058

Tritanomaly

61.3020, 0.3214, 0.3103

Monochromacy



Original Color

61.2157, 0.3193, 0.3049

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3863, 0.3154, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2157, 0.3193, 0.3049 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(226, 197, 219)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 197, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 219) }
```

Border

The CSS property to change the border of an element to Yxy 61.2157, 0.3193, 0.3049 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(226, 197, 219) }
```

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

```
.border{ border-color:rgb(226, 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(226, 197, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 197, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 197, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 197,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2157, 0.3193, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 219) }
```

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

```
.background{ background-color: rgb(226,  
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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