

Converting Colors

Yxy(61.9093, 0.3317, 0.3149)

Have a look what the booklet for
Yxy(61.9093, 0.3317, 0.3149)
contains.

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Color

Yxy(61.9093, 0.3317, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	E9C5D2
RGB	233, 197, 210
RGB Percent	91%, 77%, 82%
CMY	0.0861, 0.2275, 0.1765
CMYK	0.00, 0.15, 0.10, 0.09
HSL	338°, 45%, 84%
HSV	338°, 15%, 91%
XYZ	65.2122, 61.9093, 69.4784
YIQ	209.2460, 17.2830, 11.6750

Conversions

Conversions Part 2

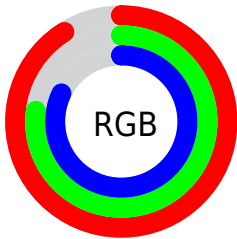
Format	Color
R _Y B	233, 197, 210
Decimal	15320530
CIE Lab	82.87, 14.85, -1.73
CIE LCh	83, 14.952, 353.367
Yxy	61.9093, 0.3317, 0.3149
Android (android.graphics.Color)	4293510610 (0xFFE9C5D2)
YUV	209.2460, 0.3717, 20.8323
Hunter-Lab	78.6825, 10.2468, 2.7233

Details

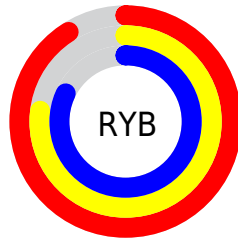
The Yxy color **61.9093, 0.3317, 0.3149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3402, 0.2969, 0.3436**, and the grayscale version is **63.9221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.3923, 0.3360, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **51.4263, 0.3475, 0.3052**, and if you desaturate by 10%, it is **74.1028, 0.3188, 0.3242**.

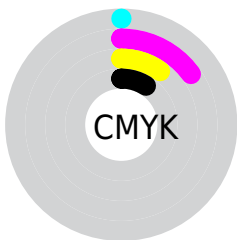
Distribution



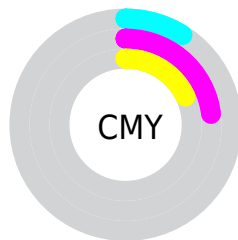
- Red (91%)
- Green (77%)
- Blue (82%)



- Red (91%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (9%)




- Cyan (9%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9093, 0.3317, 0.3149 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 61.9093, 0.3317, 0.3149 by changing the saturation by 10% instead.

 61.9093, 0.3317,
0.3149

 61.9093, 0.3317,
0.3149


431.6002, 0.3227,
0.3216

 44.9594, 0.3338,
0.3133


107.5944, 0.3285,
0.3172

 31.4255, 0.3365,
0.3114


137.0985, 0.3273,
0.3181

 20.9230, 0.3399,
0.3089


171.5560, 0.3263,
0.3189

 13.0678, 0.3445,
0.3056

211.3515, 0.3253,
0.3196

 7.4752, 0.3509,
0.3009

256.8692, 0.3246,
0.3202

 3.7610, 0.3605,
0.2940

308.4936, 0.3239,

 1.5408, 0.3767,

0.3207

0.2825

366.6092, 0.3232,
0.3212

0.3172, 0.4588,
0.2192

0.0000, 0.0000,
0.0000

61.9093, 0.3317,
0.3149

61.9093, 0.3317,
0.3149

51.4263, 0.3475,
0.3052

74.1028, 0.3188,
0.3242

42.5689, 0.3666,
0.2954

88.0705, 0.3082,
0.3329

35.2569, 0.3896,
0.2859

96.0510, 0.2995,
0.3293

29.4005, 0.4165,
0.2778

96.0707, 0.2994,
0.3290

■ 24.9001, 0.4469,
0.2719

■ 21.6437, 0.4799,
0.2697

■ 19.5009, 0.5132,
0.2722

■ 18.3116, 0.5443,
0.2799

■ 17.9712, 0.5573,
0.2844

Harmonies

Analogous

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



61.9093, 0.3129, 0.3029



61.9093, 0.3317, 0.3149



61.9093, 0.3456, 0.3306

Triad

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



61.9093, 0.3317, 0.3149



61.9093, 0.3305, 0.3626



61.9093, 0.2764, 0.3099

Complementary

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



61.9093, 0.3317, 0.3149



75.3402, 0.2969, 0.3436

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.



61.9093, 0.2808, 0.3259



61.9093, 0.3317, 0.3149



61.9093, 0.3117, 0.3573

Square

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



61.9093, 0.3317, 0.3149



61.9093, 0.3448, 0.3584



61.9093, 0.2936, 0.3436



61.9093, 0.2813, 0.2996

Rectangle

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



61.9093, 0.3317, 0.3149



61.9093, 0.3500, 0.3414



61.9093, 0.2936, 0.3436



61.9093, 0.2768, 0.3147

Sweetspot

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



61.9120, 0.3317, 0.3149



91.6192, 0.3182, 0.3246



61.0024, 0.3045, 0.2896



19.3677, 0.3191, 0.3239



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.



61.9120, 0.3317, 0.3149



71.0508, 0.3371, 0.3114



63.5080, 0.3410, 0.3344



15.1438, 0.3236, 0.3205



10.2147, 0.5532, 0.2821



0.8200, 0.5150, 0.2611

Inverse Universe

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



61.9120, 0.3317, 0.3149



71.0508, 0.3371, 0.3114



73.3710, 0.2891, 0.3236



15.1438, 0.3236, 0.3205



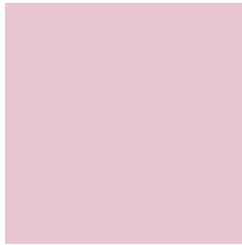
10.2147, 0.5532, 0.2821



0.8200, 0.5150, 0.2611

Previews

White Background



This preview shows how the Yxy color 61.9093, 0.3317, 0.3149 looks on a white background.

Color Contrast Check

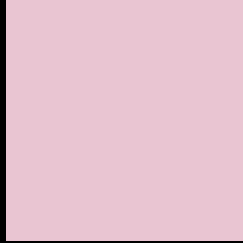
Large Text (above 18pt) WCAG AA × Fail

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 61.9093, 0.3317, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

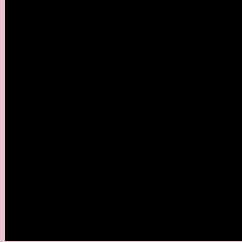
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9093, 0.3317, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 61.9093, 0.3317, 0.3149.



This preview shows how white text looks on a background with the Yxy color 61.9093, 0.3317, 0.3149.

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

61.9093, 0.3317, 0.3149

Protanopia

61.9788, 0.3080, 0.3176

Deuteranopia

61.9196, 0.3257, 0.3190



Tritanopia

62.0096, 0.3301, 0.3128

Trichromacy



Original Color

61.9093, 0.3317, 0.3149

Protanomaly

61.7969, 0.3164, 0.3166

Deuteranomaly

61.9443, 0.3282, 0.3180

Tritanomaly

61.9593, 0.3309, 0.3138

Monochromacy



Original Color

61.9093, 0.3317, 0.3149

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1715, 0.3198, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9093, 0.3317, 0.3149 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(233, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(233, 197, 210)  
}
```

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(233, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 197, 210) }
```

Border

The CSS property to change the border of an element to Yxy 61.9093, 0.3317, 0.3149 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(233, 197, 210) }
```

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

```
.border{ border-color:rgb(233, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(233, 197,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9093, 0.3317, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 197, 210) }
```

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

```
.background{ background-color: rgb(233,  
197, 210) }
```

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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