

Converting Colors

Yxy(68.1324, 0.3178, 0.3094)

Have a look what the booklet for
Yxy(68.1324, 0.3178, 0.3094)
contains.

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Color

Yxy(67.9814, 0.3181, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	E9D0E3
RGB	233, 208, 227
RGB Percent	91%, 82%, 89%
CMY	0.0865, 0.1842, 0.1099
CMYK	0.00, 0.11, 0.03, 0.09
HSL	314°, 36%, 86%
HSV	314°, 11%, 91%
XYZ	70.0061, 67.9814, 82.0883
YIQ	217.6410, 8.8010, 11.2090

Conversions

Conversions Part 2

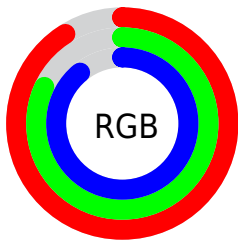
Format	Color
R _Y B	233, 208, 227
Decimal	15323363
CIE Lab	86.00, 11.90, -6.17
CIE LCh	86, 13.408, 332.600
Yxy	67.9814, 0.3181, 0.3089
Android (android.graphics.Color)	4293513443 (0xFFE9D0E3)
YUV	217.6410, 4.6140, 13.4698
Hunter-Lab	82.4508, 7.2691, -1.3137

Details

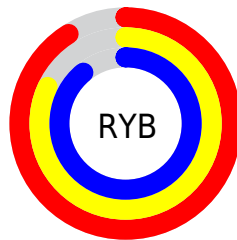
The Yxy color **67.9814, 0.3181, 0.3089** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.5087, 0.3077, 0.3500**, and the grayscale version is **69.8104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4369, 0.3188, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **57.1431, 0.3240, 0.2894**, and if you desaturate by 10%, it is **80.5036, 0.3130, 0.3277**.

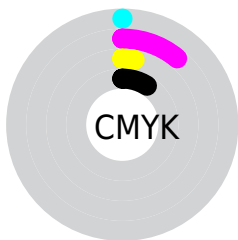
Distribution



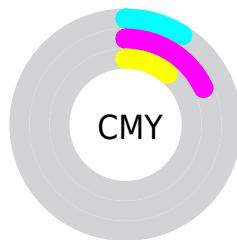
- Red (91%)
- Green (82%)
- Blue (89%)



- Red (91%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (9%)





- Cyan (9%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9814, 0.3181, 0.3089 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 67.9814, 0.3181, 0.3089 by changing the saturation by 10% instead.


 67.9814, 0.3181,
0.3089

 67.9814, 0.3181,
0.3089


453.4301, 0.3157,
0.3182

 49.8826, 0.3186,
0.3068


116.3255, 0.3173,
0.3121

 35.3201, 0.3193,
0.3042


147.3397, 0.3169,
0.3134

 23.9096, 0.3202,
0.3009

183.4277, 0.3166,
0.3144

 15.2666, 0.3213,
0.2966

224.9740, 0.3164,
0.3154

 9.0067, 0.3227,
0.2907

272.3630, 0.3162,
0.3162

 4.7455, 0.3248,
0.2823

325.9791, 0.3160,

 2.0987, 0.3280,

0.3169

0.2692

386.2067, 0.3158,
0.3176

0.6639, 0.3354,
0.2410

0.0000, 0.0000,
0.0000

67.9814, 0.3181,
0.3089

67.9814, 0.3181,
0.3089

57.1431, 0.3240,
0.2894

80.5036, 0.3130,
0.3277

47.9074, 0.3308,
0.2696

94.7690, 0.3087,
0.3456

40.1994, 0.3385,
0.2503

95.3451, 0.3056,
0.3403

33.9347, 0.3470,
0.2323

95.6881, 0.3025,
0.3347

■ 29.0209, 0.3562,
0.2167

■ 96.0413, 0.2994,
0.3291

■ 25.3547, 0.3658,
0.2045

■ 96.0523, 0.2993,
0.3290

■ 22.8178, 0.3755,
0.1966

■ 21.2689, 0.3851,
0.1934

■ 20.4959, 0.3937,
0.1942

Harmonies

Analogous

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



67.9814, 0.3015, 0.3021



67.9814, 0.3181, 0.3089



67.9814, 0.3336, 0.3208

Triad

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



67.9814, 0.3181, 0.3089



67.9814, 0.3374, 0.3565



67.9814, 0.2829, 0.3218

Complementary

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



67.9814, 0.3181, 0.3089



76.5087, 0.3077, 0.3500

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.



67.9814, 0.2920, 0.3371



67.9814, 0.3181, 0.3089



67.9814, 0.3234, 0.3576

Square

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



67.9814, 0.3181, 0.3089



67.9814, 0.3449, 0.3480



67.9814, 0.3068, 0.3504



67.9814, 0.2815, 0.3090

Rectangle

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



67.9814, 0.3181, 0.3089



67.9814, 0.3411, 0.3301



67.9814, 0.3068, 0.3504



67.9814, 0.2851, 0.3268

Sweetspot

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



67.9844, 0.3181, 0.3089



95.0985, 0.3141, 0.3234



65.2789, 0.3001, 0.3016



20.0816, 0.3145, 0.3219



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.



67.9844, 0.3181, 0.3089



80.1428, 0.3194, 0.3043



67.3290, 0.3269, 0.3219



15.2486, 0.3174, 0.3112



11.6577, 0.3923, 0.1935



0.9302, 0.3803, 0.1869

Inverse Universe

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



67.9844, 0.3181, 0.3089



80.1428, 0.3194, 0.3043



77.1614, 0.3003, 0.3362



15.2486, 0.3174, 0.3112



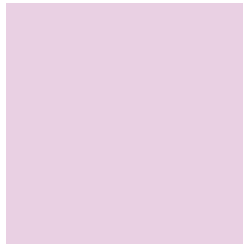
11.6577, 0.3923, 0.1935



0.9302, 0.3803, 0.1869

Previews

White Background



This preview shows how the Yxy color 67.9814, 0.3181, 0.3089 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 67.9814, 0.3181, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

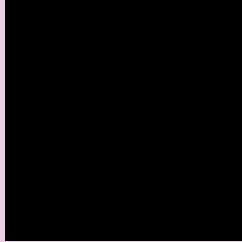
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9814, 0.3181, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 67.9814, 0.3181, 0.3089.



This preview shows how white text looks on a background with the Yxy color 67.9814, 0.3181, 0.3089.

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

67.9814, 0.3181, 0.3089

Protanopia

68.3097, 0.3021, 0.3104

Deuteranopia

68.1359, 0.3166, 0.3098



Tritanopia

67.8716, 0.3195, 0.3109

Trichromacy



Original Color

67.9814, 0.3181, 0.3089

Protanomaly

68.3297, 0.3078, 0.3095

Deuteranomaly

68.3028, 0.3173, 0.3099

Tritanomaly

67.9264, 0.3188, 0.3099

Monochromacy



Original Color

67.9814, 0.3181, 0.3089

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.0016, 0.3145, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9814, 0.3181, 0.3089 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, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(233, 208, 227)  
}
```

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, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 67.9814, 0.3181, 0.3089 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, 208, 227) }
```

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

```
.border{ border-color:rgb(233, 208, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9814, 0.3181, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 208, 227) }
```

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

```
.background{ background-color: rgb(233,  
208, 227) }
```

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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