

Converting Colors

$Yxy(59.9646, 0.3278, 0.3135)$

Have a look what the booklet for
Yxy(59.9646, 0.3278, 0.3135)
contains.

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Color

Yxy(59.9646, 0.3278, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	E3C3D1
RGB	227, 195, 209
RGB Percent	89%, 76%, 82%
CMY	0.1099, 0.2353, 0.1803
CMYK	0.00, 0.14, 0.08, 0.11
HSL	334°, 36%, 83%
HSV	334°, 14%, 89%
XYZ	62.6998, 59.9646, 68.6102
YIQ	206.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

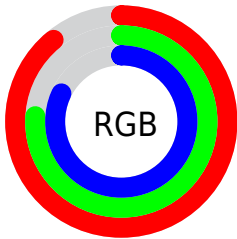
Format	Color
R _Y B	227, 195, 209
Decimal	14926801
CIE Lab	81.82, 13.62, -2.81
CIE LCh	82, 13.911, 348.343
Yxy	59.9646, 0.3278, 0.3135
Android (android.graphics.Color)	4293116881 (0xFFE3C3D1)
YUV	206.1640, 1.3981, 18.2732
Hunter-Lab	77.4368, 9.0153, 1.6739

Details

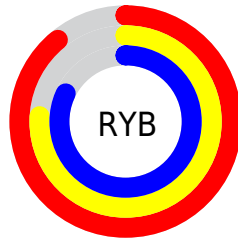
The Yxy color **59.9646, 0.3278, 0.3135** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3317, 0.2998, 0.3450**, and the grayscale version is **61.8170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.0742, 0.3309, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **49.9502, 0.3413, 0.3018**, and if you desaturate by 10%, it is **71.5808, 0.3167, 0.3246**.

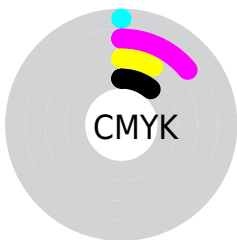
Distribution



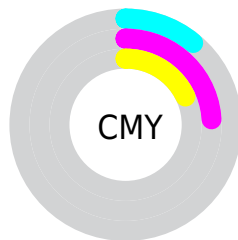
- Red (89%)
- Green (76%)
- Blue (82%)



- Red (89%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (11%)




- Cyan (11%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9646, 0.3278, 0.3135 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 59.9646, 0.3278, 0.3135 by changing the saturation by 10% instead.


 59.9646, 0.3278,
0.3135

 59.9646, 0.3278,
0.3135

424.4673, 0.3206,
0.3209

 43.3901, 0.3295,
0.3118


 104.7783, 0.3253,
0.3161

 30.1913, 0.3316,
0.3096


133.7863, 0.3243,
0.3171

 19.9838, 0.3344,
0.3069


167.7076, 0.3235,
0.3179

 12.3833, 0.3380,
0.3032

206.9266, 0.3227,
0.3187

 7.0053, 0.3432,
0.2980

251.8277, 0.3221,
0.3193

 3.4654, 0.3510,
0.2903

302.7952, 0.3216,

 1.3793, 0.3642,

0.3199

0.2774

360.2136, 0.3211,
0.3204

0.2014, 0.4592,
0.1765

0.0000, 0.0000,
0.0000

59.9646, 0.3278,
0.3135

59.9646, 0.3278,
0.3135

49.9502, 0.3413,
0.3018

71.5808, 0.3167,
0.3246

41.4589, 0.3575,
0.2900

84.8572, 0.3075,
0.3351

34.4174, 0.3768,
0.2784

94.5788, 0.3000,
0.3367

28.7428, 0.3993,
0.2681

95.0673, 0.2958,
0.3290

■ 24.3440, 0.4249,
0.2599

■ 21.1188, 0.4527,
0.2554

■ 18.9486, 0.4814,
0.2556

■ 17.6896, 0.5093,
0.2613

■ 17.2387, 0.5250,
0.2666

Harmonies

Analogous

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



59.9646, 0.3098, 0.3030



59.9646, 0.3278, 0.3135



59.9646, 0.3420, 0.3280

Triad

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



59.9646, 0.3278, 0.3135



59.9646, 0.3321, 0.3605



59.9646, 0.2786, 0.3133

Complementary

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



59.9646, 0.3278, 0.3135



71.3317, 0.2998, 0.3450

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.



59.9646, 0.2842, 0.3290



59.9646, 0.3278, 0.3135



59.9646, 0.3148, 0.3570

Square

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



59.9646, 0.3278, 0.3135



59.9646, 0.3444, 0.3552



59.9646, 0.2973, 0.3452



59.9646, 0.2818, 0.3025

Rectangle

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



59.9646, 0.3278, 0.3135



59.9646, 0.3471, 0.3383



59.9646, 0.2973, 0.3452



59.9646, 0.2795, 0.3181

Sweetspot

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



59.9672, 0.3278, 0.3135



93.3005, 0.3166, 0.3247



58.6651, 0.3033, 0.2931



19.7089, 0.3174, 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.



59.9672, 0.3278, 0.3135



73.9226, 0.3316, 0.3100



60.0231, 0.3385, 0.3309



14.4725, 0.3224, 0.3187



10.0784, 0.5213, 0.2645



0.7632, 0.4848, 0.2444

Inverse Universe

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



59.9672, 0.3278, 0.3135



73.9226, 0.3316, 0.3100



71.2044, 0.2913, 0.3271



14.4725, 0.3224, 0.3187



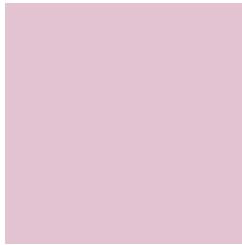
10.0784, 0.5213, 0.2645



0.7632, 0.4848, 0.2444

Previews

White Background



This preview shows how the Yxy color 59.9646, 0.3278, 0.3135 looks on a white background.

Color Contrast Check

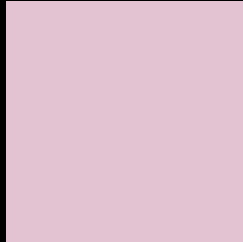
Large Text (above 18pt) WCAG AA × Fail

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 59.9646, 0.3278, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

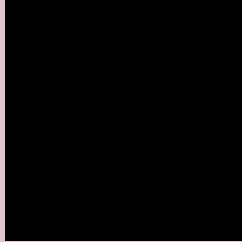
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9646, 0.3278, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 59.9646, 0.3278, 0.3135.



This preview shows how white text looks on a background with the Yxy color 59.9646, 0.3278, 0.3135.

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

59.9646, 0.3278, 0.3135

Protanopia

59.8825, 0.3065, 0.3162

Deuteranopia

59.9081, 0.3228, 0.3155



Tritanopia

60.0143, 0.3271, 0.3124

Trichromacy



Original Color

59.9646, 0.3278, 0.3135

Protanomaly

59.5974, 0.3134, 0.3141

Deuteranomaly

59.7713, 0.3245, 0.3145

Tritanomaly

60.0143, 0.3271, 0.3124

Monochromacy



Original Color

59.9646, 0.3278, 0.3135

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0422, 0.3184, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9646, 0.3278, 0.3135 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(227, 195, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 209)  
}
```

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(227, 195, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 209) }
```

Border

The CSS property to change the border of an element to Yxy 59.9646, 0.3278, 0.3135 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(227, 195, 209) }
```

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

```
.border{ border-color:rgb(227, 195, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 195, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 195, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 195, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 195,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9646, 0.3278, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 209) }
```

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

```
.background{ background-color: rgb(227,  
195, 209) }
```

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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