

Converting Colors

$Y_{xy}(59.2301, 0.3262, 0.3104)$

Have a look what the booklet for
Yxy(59.2301, 0.3262, 0.3104)
contains.

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Color

Yxy(59.4055, 0.3264, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	E2C2D2
RGB	226, 194, 210
RGB Percent	89%, 76%, 82%
CMY	0.1137, 0.2392, 0.1766
CMYK	0.00, 0.14, 0.07, 0.11
HSL	330°, 36%, 82%
HSV	330°, 14%, 89%
XYZ	62.2870, 59.4055, 69.1378
YIQ	205.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

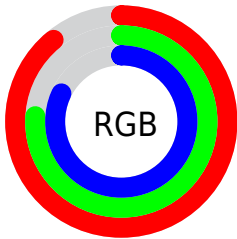
Format	Color
R _Y B	226, 194, 210
Decimal	14861010
CIE Lab	81.51, 13.98, -3.77
CIE LCh	82, 14.482, 344.891
Yxy	59.4055, 0.3264, 0.3113
Android (android.graphics.Color)	4293051090 (0xFFE2C2D2)
YUV	205.3920, 2.2717, 18.0732
Hunter-Lab	77.0750, 9.3711, 0.7681

Details

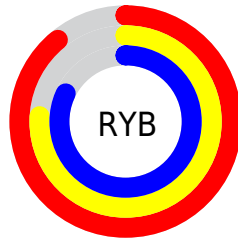
The Yxy color **59.4055, 0.3264, 0.3113** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5214, 0.3009, 0.3474**, and the grayscale version is **61.2926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.7025, 0.3289, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **49.5565, 0.3385, 0.2981**, and if you desaturate by 10%, it is **70.8296, 0.3164, 0.3240**.

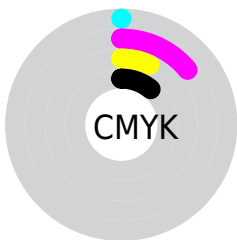
Distribution



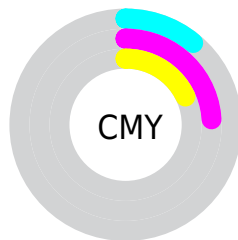
- Red (89%)
- Green (76%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4055, 0.3264, 0.3113 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 59.4055, 0.3264, 0.3113 by changing the saturation by 10% instead.

 59.4055, 0.3264,
0.3113

 59.4055, 0.3264,
0.3113


422.4030, 0.3199,
0.3197

 42.9396, 0.3279,
0.3093


 103.9668, 0.3241,
0.3142

 29.8378, 0.3299,
0.3069


132.8310, 0.3232,
0.3154

 19.7155, 0.3323,
0.3037


166.5968, 0.3225,
0.3164

 12.1884, 0.3356,
0.2995

205.6485, 0.3218,
0.3172

 6.8721, 0.3403,
0.2937

250.3706, 0.3212,
0.3179

 3.3822, 0.3473,
0.2849

301.1475, 0.3207,

 1.3344, 0.3591,

0.3186

0.2704

358.3634, 0.3203,
0.3192

0.1676, 0.4491,
0.1504

0.0000, 0.0000,
0.0000

59.4055, 0.3264,
0.3113

59.4055, 0.3264,
0.3113

49.5565, 0.3385,
0.2981

70.8296, 0.3164,
0.3240

41.2049, 0.3529,
0.2847

83.8861, 0.3081,
0.3358

34.2786, 0.3700,
0.2716

94.2180, 0.3013,
0.3401

28.6958, 0.3897,
0.2598

94.9097, 0.2952,
0.3289

■ 24.3668, 0.4119,
0.2503

■ 21.1905, 0.4359,
0.2445

■ 19.0503, 0.4609,
0.2434

■ 17.8039, 0.4853,
0.2478

■ 17.3568, 0.4991,
0.2523

Harmonies

Analogous

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



59.4055, 0.3075, 0.3010



59.4055, 0.3264, 0.3113



59.4055, 0.3419, 0.3261

Triad

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



59.4055, 0.3264, 0.3113



59.4055, 0.3348, 0.3617



59.4055, 0.2773, 0.3142

Complementary

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



59.4055, 0.3264, 0.3113



70.5214, 0.3009, 0.3474

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.



59.4055, 0.2842, 0.3310



59.4055, 0.3264, 0.3113



59.4055, 0.3171, 0.3592

Square

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



59.4055, 0.3264, 0.3113



59.4055, 0.3468, 0.3552



59.4055, 0.2986, 0.3477



59.4055, 0.2796, 0.3022

Rectangle

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



59.4055, 0.3264, 0.3113



59.4055, 0.3480, 0.3368



59.4055, 0.2986, 0.3477



59.4055, 0.2786, 0.3195

Sweetspot

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



59.4081, 0.3264, 0.3113



93.3391, 0.3162, 0.3241



57.7805, 0.3020, 0.2928



19.7186, 0.3169, 0.3232



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.



59.4081, 0.3264, 0.3113



74.0714, 0.3297, 0.3074



58.6517, 0.3389, 0.3291



13.8140, 0.3214, 0.3174



9.9254, 0.4956, 0.2504



0.7061, 0.4615, 0.2316

Inverse Universe

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



59.4081, 0.3264, 0.3113



74.0714, 0.3297, 0.3074



71.3576, 0.2912, 0.3289



13.8140, 0.3214, 0.3174



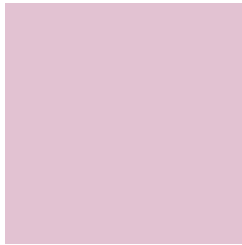
9.9254, 0.4956, 0.2504



0.7061, 0.4615, 0.2316

Previews

White Background



This preview shows how the Yxy color 59.4055, 0.3264, 0.3113 looks on a white background.

Color Contrast Check

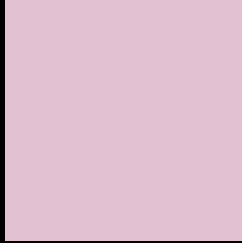
Large Text (above 18pt) WCAG AA × Fail

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 59.4055, 0.3264, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

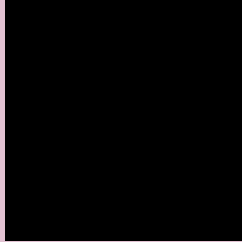
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4055, 0.3264, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 59.4055, 0.3264, 0.3113.



This preview shows how white text looks on a background with the Yxy color 59.4055, 0.3264, 0.3113.

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

59.4055, 0.3264, 0.3113

Protanopia

59.7926, 0.3050, 0.3150

Deuteranopia

59.5960, 0.3213, 0.3155



Tritanopia

59.3558, 0.3271, 0.3124

Trichromacy



Original Color

59.4055, 0.3264, 0.3113

Protanomaly

59.4998, 0.3119, 0.3130

Deuteranomaly

59.6129, 0.3237, 0.3144

Tritanomaly

59.3558, 0.3271, 0.3124

Monochromacy



Original Color

59.4055, 0.3264, 0.3113

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4244, 0.3177, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4055, 0.3264, 0.3113 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, 194, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 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(226, 194, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.4055, 0.3264, 0.3113 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, 194, 210) }
```

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

```
.border{ border-color:rgb(226, 194, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 194, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 194, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 194, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 194,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4055, 0.3264, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 210) }
```

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

```
.background{ background-color: rgb(226,  
194, 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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