

Converting Colors

$Y_{xy}(59.0079, 0.3156, 0.2939)$

Have a look what the booklet for
Yxy(59.0079, 0.3156, 0.2939)
contains.

Yxy(59.0886, 0.3152, 0.2939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.0886, 0.3152, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	E1C0E0
RGB	225, 192, 224
RGB Percent	88%, 75%, 88%
CMY	0.1174, 0.2471, 0.1215
CMYK	0.00, 0.15, 0.00, 0.12
HSL	302°, 36%, 82%
HSV	302°, 15%, 88%
XYZ	63.3710, 59.0886, 78.5905
YIQ	205.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

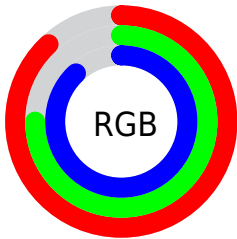
Format	Color
R _Y B	225, 192, 224
Decimal	14794976
CIE Lab	81.34, 17.23, -11.58
CIE LCh	81, 20.762, 326.111
Yxy	59.0886, 0.3152, 0.2939
Android (android.graphics.Color)	4292985056 (0xFFE1C0E0)
YUV	205.5150, 9.1131, 17.0883
Hunter-Lab	76.8691, 12.6346, -6.8093

Details

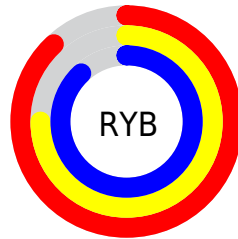
The Yxy color **59.0886, 0.3152, 0.2939** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.9418, 0.3102, 0.3668**, and the grayscale version is **61.3370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **29.5876, 0.3159, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **49.9140, 0.3170, 0.2695**, and if you desaturate by 10%, it is **69.7797, 0.3135, 0.3180**.

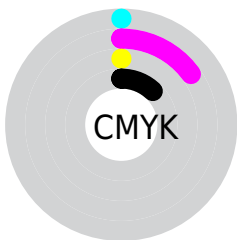
Distribution



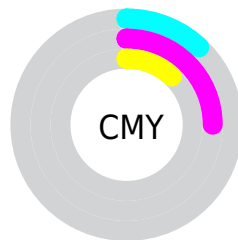
- Red (88%)
- Green (75%)
- Blue (88%)



- Red (88%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)




- Cyan (12%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0886, 0.3152, 0.2939 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 59.0886, 0.3152, 0.2939 by changing the saturation by 10% instead.

 59.0886, 0.3152,
0.2939

 59.0886, 0.3152,
0.2939

421.2302, 0.3142,
0.3103

 42.6844, 0.3154,
0.2901

 103.5064, 0.3149,
0.2996

 29.6376, 0.3156,
0.2854


132.2889, 0.3148,
0.3018

 19.5637, 0.3158,
0.2795


165.9662, 0.3146,
0.3037

 12.0783, 0.3160,
0.2716

204.9229, 0.3145,
0.3054

 6.7970, 0.3162,
0.2609

249.5432, 0.3144,
0.3068

 3.3355, 0.3163,
0.2452

300.2116, 0.3144,

 1.3093, 0.3156,

0.3081

0.2205

357.3124, 0.3143,
0.3093

0.1484, 0.3342,
0.0883

0.0000, 0.0000,
0.0000

59.0886, 0.3152,
0.2939

59.0886, 0.3152,
0.2939

49.9140, 0.3170,
0.2695

69.7797, 0.3135,
0.3180

42.1799, 0.3189,
0.2457

82.0436, 0.3119,
0.3412

35.8150, 0.3209,
0.2231

93.0382, 0.3106,
0.3587

30.7392, 0.3227,
0.2029

93.0779, 0.3102,
0.3579

■ 26.8638, 0.3245,
0.1860

■ 93.1177, 0.3098,
0.3571

■ 24.0893, 0.3261,
0.1730

■ 93.1577, 0.3094,
0.3564

■ 22.2999, 0.3275,
0.1643

■ 93.1978, 0.3090,
0.3556

■ 21.3542, 0.3286,
0.1599

■ 93.2382, 0.3086,
0.3549

■ 21.0730, 0.3292,
0.1587

■ 93.2786, 0.3082,
0.3541

Harmonies

Analogous

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



59.0886, 0.2891, 0.2851



59.0886, 0.3152, 0.2939



59.0886, 0.3416, 0.3111

Triad

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



59.0886, 0.3152, 0.2939



59.0886, 0.3564, 0.3713



59.0886, 0.2670, 0.3220

Complementary

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



59.0886, 0.3152, 0.2939



68.9418, 0.3102, 0.3668

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.



59.0886, 0.2837, 0.3474



59.0886, 0.3152, 0.2939



59.0886, 0.3352, 0.3767

Square

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



59.0886, 0.3152, 0.2939



59.0886, 0.3660, 0.3549



59.0886, 0.3085, 0.3681



59.0886, 0.2621, 0.3000

Rectangle

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



59.0886, 0.3152, 0.2939



59.0886, 0.3555, 0.3254



59.0886, 0.3085, 0.3681



59.0886, 0.2714, 0.3305

Sweetspot

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



59.0912, 0.3152, 0.2939



93.6429, 0.3134, 0.3196



54.4068, 0.2895, 0.2899



19.7957, 0.3135, 0.3178



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.



59.0912, 0.3152, 0.2939



74.0358, 0.3158, 0.2856



58.2616, 0.3274, 0.3112



13.9277, 0.3143, 0.3066



12.1387, 0.3290, 0.1586



0.8438, 0.3277, 0.1579

Inverse Universe

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



59.0912, 0.3152, 0.2939



74.0358, 0.3158, 0.2856



69.6970, 0.3002, 0.3475



13.9277, 0.3143, 0.3066



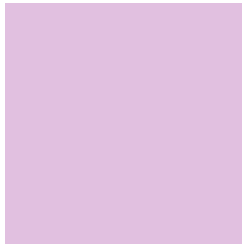
12.1387, 0.3290, 0.1586



0.8438, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 59.0886, 0.3152, 0.2939 looks on a white background.

Color Contrast Check

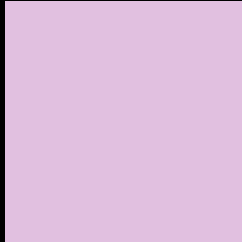
Large Text (above 18pt) WCAG AA × Fail

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 59.0886, 0.3152, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

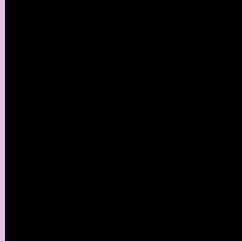
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0886, 0.3152, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 59.0886, 0.3152, 0.2939.



This preview shows how white text looks on a background with the Yxy color 59.0886, 0.3152, 0.2939.

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

59.0886, 0.3152, 0.2939

Protanopia

59.4922, 0.2905, 0.2957

Deuteranopia

59.2573, 0.3056, 0.2996



Tritanopia

58.9247, 0.3240, 0.3111

Trichromacy



Original Color

59.0886, 0.3152, 0.2939

Protanomaly

59.3995, 0.2991, 0.2951

Deuteranomaly

59.1096, 0.3095, 0.2977

Tritanomaly

58.8935, 0.3210, 0.3046

Monochromacy



Original Color

59.0886, 0.3152, 0.2939

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7235, 0.3134, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0886, 0.3152, 0.2939 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(225, 192, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 192, 224)  
}
```

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(225, 192, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 192, 224) }
```

Border

The CSS property to change the border of an element to Yxy 59.0886, 0.3152, 0.2939 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(225, 192, 224) }
```

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

```
.border{ border-color:rgb(225, 192, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 192, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 192, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 192, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 192,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0886, 0.3152, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 192, 224) }
```

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

```
.background{ background-color: rgb(225,  
192, 224) }
```

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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