

Converting Colors

Yxy(59.1740, 0.3265, 0.3091)

Have a look what the booklet for
Yxy(59.1740, 0.3265, 0.3091)
contains.

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Color

Yxy(59.1740, 0.3265, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	E3C1D3
RGB	227, 193, 211
RGB Percent	89%, 76%, 83%
CMY	0.1098, 0.2431, 0.1725
CMYK	0.00, 0.15, 0.07, 0.11
HSL	328°, 38%, 82%
HSV	328°, 15%, 89%
XYZ	62.5051, 59.1740, 69.7606
YIQ	205.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

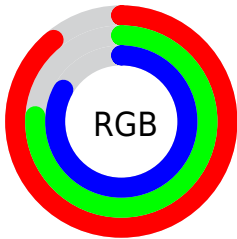
Format	Color
R _Y B	227, 193, 211
Decimal	14926291
CIE Lab	81.39, 15.03, -4.51
CIE LCh	81, 15.695, 343.308
Yxy	59.1740, 0.3265, 0.3091
Android (android.graphics.Color)	4293116371 (0xFFE3C1D3)
YUV	205.2180, 2.8505, 19.1028
Hunter-Lab	76.9246, 10.4219, 0.0790

Details

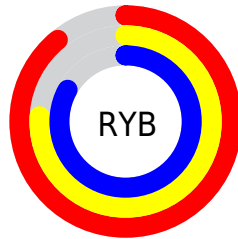
The Yxy color **59.1740, 0.3265, 0.3091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8752, 0.3009, 0.3498**, and the grayscale version is **61.1722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **29.5575, 0.3291, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **49.3807, 0.3380, 0.2951**, and if you desaturate by 10%, it is **70.5484, 0.3169, 0.3226**.

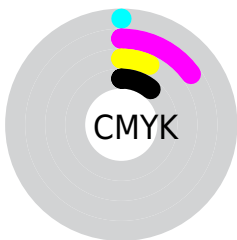
Distribution



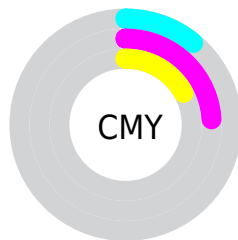
- Red (89%)
- Green (76%)
- Blue (83%)



- Red (89%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1740, 0.3265, 0.3091 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 59.1740, 0.3265, 0.3091 by changing the saturation by 10% instead.


 59.1740, 0.3265,
0.3091

 59.1740, 0.3265,
0.3091

421.5464, 0.3200,
0.3185

 42.7532, 0.3280,
0.3069


 103.6305, 0.3242,
0.3124

 29.6915, 0.3300,
0.3042


132.4350, 0.3233,
0.3137

 19.6046, 0.3324,
0.3006

166.1362, 0.3226,
0.3148

 12.1079, 0.3357,
0.2959

205.1185, 0.3219,
0.3157

 6.8172, 0.3404,
0.2894

249.7663, 0.3213,
0.3165

 3.3481, 0.3474,
0.2797

300.4639, 0.3208,

 1.3160, 0.3590,

0.3173

0.2636

357.5958, 0.3204,
0.3179

0.1536, 0.4465,
0.1337

0.0000, 0.0000,
0.0000

59.1740, 0.3265,
0.3091

59.1740, 0.3265,
0.3091

49.3807, 0.3380,
0.2951

70.5484, 0.3169,
0.3226

41.0899, 0.3518,
0.2809

83.5622, 0.3089,
0.3353

34.2281, 0.3679,
0.2672

94.3228, 0.3024,
0.3411

28.7125, 0.3864,
0.2548

94.9868, 0.2965,
0.3302

■ 24.4517, 0.4071,
0.2449

■ 95.0696, 0.2958,
0.3290

■ 21.3426, 0.4294,
0.2387

■ 19.2657, 0.4524,
0.2374

■ 18.0748, 0.4749,
0.2415

■ 17.6914, 0.4860,
0.2451

Harmonies

Analogous

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



59.1740, 0.3059, 0.2983



59.1740, 0.3265, 0.3091



59.1740, 0.3437, 0.3249

Triad

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



59.1740, 0.3265, 0.3091



59.1740, 0.3375, 0.3644



59.1740, 0.2746, 0.3138

Complementary

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



59.1740, 0.3265, 0.3091



70.8752, 0.3009, 0.3498

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.



59.1740, 0.2824, 0.3321



59.1740, 0.3265, 0.3091



59.1740, 0.3185, 0.3622

Square

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



59.1740, 0.3265, 0.3091



59.1740, 0.3501, 0.3567



59.1740, 0.2984, 0.3502



59.1740, 0.2765, 0.3004

Rectangle

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



59.1740, 0.3265, 0.3091



59.1740, 0.3507, 0.3365



59.1740, 0.2984, 0.3502



59.1740, 0.2761, 0.3196

Sweetspot

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



59.1766, 0.3265, 0.3091



93.3587, 0.3161, 0.3238



57.2250, 0.3005, 0.2905



19.7236, 0.3167, 0.3228



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.



59.1766, 0.3265, 0.3091



72.8169, 0.3299, 0.3047



58.3744, 0.3397, 0.3278



14.4950, 0.3210, 0.3166



10.3423, 0.4829, 0.2434



0.7830, 0.4527, 0.2268

Inverse Universe

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



59.1766, 0.3265, 0.3091



72.8169, 0.3299, 0.3047



71.7555, 0.2907, 0.3302



14.4950, 0.3210, 0.3166



10.3423, 0.4829, 0.2434



0.7830, 0.4527, 0.2268

Previews

White Background



This preview shows how the Yxy color 59.1740, 0.3265, 0.3091 looks on a white background.

Color Contrast Check

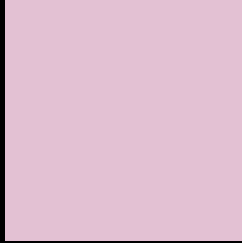
Large Text (above 18pt) WCAG AA × Fail

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 59.1740, 0.3265, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

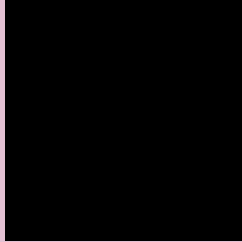
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1740, 0.3265, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 59.1740, 0.3265, 0.3091.



This preview shows how white text looks on a background with the Yxy color 59.1740, 0.3265, 0.3091.

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

59.1740, 0.3265, 0.3091

Protanopia

59.2877, 0.3029, 0.3116

Deuteranopia

59.0384, 0.3198, 0.3132



Tritanopia

59.0743, 0.3281, 0.3113

Trichromacy



Original Color

59.1740, 0.3265, 0.3091

Protanomaly

59.0921, 0.3112, 0.3107

Deuteranomaly

59.0555, 0.3223, 0.3122

Tritanomaly

59.1240, 0.3273, 0.3102

Monochromacy



Original Color

59.1740, 0.3265, 0.3091

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 59.1740, 0.3265, 0.3091 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, 193, 211)` looks like.

```
.text, #text, p{  
    color:rgb(227, 193, 211)  
}
```

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, 193, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 193, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.1740, 0.3265, 0.3091 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, 193, 211) }
```

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

```
.border{ border-color:rgb(227, 193, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 193, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 193, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 193, 211);  
box-shadow:4px 4px 4px 4px rgb(227, 193,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1740, 0.3265, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 193, 211) }
```

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

```
.background{ background-color: rgb(227,  
193, 211) }
```

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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