

Converting Colors

$Yxy(59.2103, 0.3374, 0.3281)$

Have a look what the booklet for
Yxy(59.2103, 0.3374, 0.3281)
contains.

Yxy(59.1845, 0.3371, 0.3279)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.1845, 0.3371, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E2C3C4
RGB	226, 195, 196
RGB Percent	89%, 76%, 77%
CMY	0.1137, 0.2353, 0.2312
CMYK	0.00, 0.14, 0.13, 0.11
HSL	358°, 35%, 83%
HSV	358°, 14%, 89%
XYZ	60.8451, 59.1845, 60.4660
YIQ	204.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

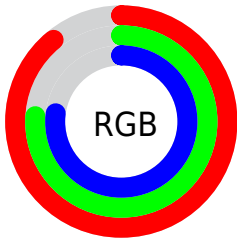
Format	Color
R _Y B	226, 195, 196
Decimal	14861252
CIE Lab	81.39, 11.13, 3.53
CIE LCh	81, 11.671, 17.589
Yxy	59.1845, 0.3371, 0.3279
Android (android.graphics.Color)	4293051332 (0xFFE2C3C4)
YUV	204.3830, -4.1328, 18.9581
Hunter-Lab	76.9315, 6.5455, 7.2517

Details

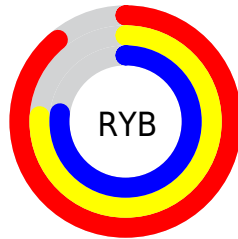
The Yxy color **59.1845, 0.3371, 0.3279** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4257, 0.2925, 0.3301**, and the grayscale version is **60.6590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9727, 0.3140, 0.3281**, and **29.5488, 0.3435, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **48.8908, 0.3602, 0.3271**, and if you desaturate by 10%, it is **71.1609, 0.3186, 0.3287**.

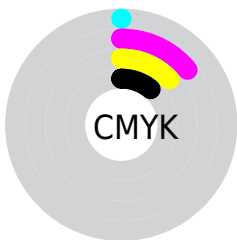
Distribution



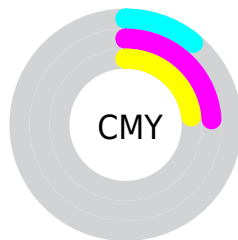
- Red (89%)
- Green (76%)
- Blue (77%)



- Red (89%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1845, 0.3371, 0.3279 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 59.1845, 0.3371, 0.3279 by changing the saturation by 10% instead.


 59.1845, 0.3371,
0.3279

 59.1845, 0.3371,
0.3279


421.5853, 0.3253,
0.3285

 42.7617, 0.3399,
0.3277


 103.6458, 0.3329,
0.3281

 29.6982, 0.3435,
0.3275


132.4530, 0.3313,
0.3282

 19.6096, 0.3481,
0.3272


166.1571, 0.3300,
0.3283

 12.1116, 0.3543,
0.3267

205.1426, 0.3288,
0.3284

 6.8197, 0.3632,
0.3259

249.7937, 0.3278,
0.3284

 3.3496, 0.3769,
0.3246

300.4949, 0.3269,

 1.3169, 0.4007,

0.3285

357.6307, 0.3261,
0.3285

0.3218

0.1542, 0.7306,
0.2694

0.0000, 0.0000,
0.0000

59.1845, 0.3371,
0.3279

59.1845, 0.3371,
0.3279

48.8908, 0.3602,
0.3271

71.1609, 0.3186,
0.3287

40.1971, 0.3890,
0.3262

84.8823, 0.3038,
0.3295

33.0253, 0.4242,
0.3255

94.9077, 0.2952,
0.3289

27.2880, 0.4657,
0.3249

■ 22.8888, 0.5121,
0.3248

■ 19.7193, 0.5591,
0.3252

■ 17.6545, 0.5998,
0.3263

■ 16.5428, 0.6275,
0.3279

■ 16.1843, 0.6373,
0.3285

Harmonies

Analogous

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



59.1845, 0.3251, 0.3156



59.1845, 0.3371, 0.3279



59.1845, 0.3424, 0.3408

Triad

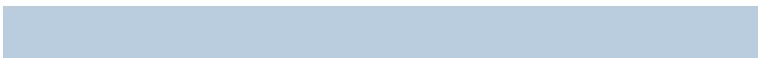
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1845, 0.3371, 0.3279



59.1845, 0.3149, 0.3526



59.1845, 0.2864, 0.3068

Complementary

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



59.1845, 0.3371, 0.3279



71.4257, 0.2925, 0.3301

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.



59.1845, 0.2839, 0.3161



59.1845, 0.3371, 0.3279



59.1845, 0.3001, 0.3429

Square

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



59.1845, 0.3371, 0.3279



59.1845, 0.3294, 0.3555



59.1845, 0.2889, 0.3294



59.1845, 0.2958, 0.3035

Rectangle

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



59.1845, 0.3371, 0.3279



59.1845, 0.3414, 0.3480



59.1845, 0.2889, 0.3294



59.1845, 0.2847, 0.3093

Sweetspot

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



59.1871, 0.3371, 0.3279



93.0451, 0.3191, 0.3287



60.4410, 0.3131, 0.2951



19.6445, 0.3204, 0.3286



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.



59.1871, 0.3371, 0.3279



74.3900, 0.3422, 0.3277



65.6841, 0.3357, 0.3446



13.7079, 0.3287, 0.3283



9.2372, 0.6363, 0.3279



0.6429, 0.6255, 0.3220

Inverse Universe

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



59.1871, 0.3371, 0.3279



74.3900, 0.3422, 0.3277



64.2044, 0.2914, 0.3129



13.7079, 0.3287, 0.3283



9.2372, 0.6363, 0.3279



0.6429, 0.6255, 0.3220

Previews

White Background



This preview shows how the Yxy color 59.1845, 0.3371, 0.3279 looks on a white background.

Color Contrast Check

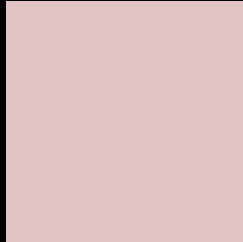
Large Text (above 18pt) WCAG AA × Fail

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 59.1845, 0.3371, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

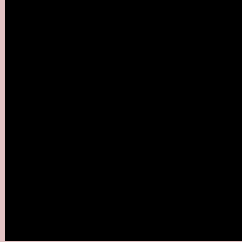
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1845, 0.3371, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 59.1845, 0.3371, 0.3279.



This preview shows how white text looks on a background with the Yxy color 59.1845, 0.3371, 0.3279.

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

59.1845, 0.3371, 0.3279

Protanopia

59.2088, 0.3181, 0.3302

Deuteranopia

59.3127, 0.3353, 0.3291



Tritanopia

59.1880, 0.3296, 0.3124

Trichromacy



Original Color

59.1845, 0.3371, 0.3279

Protanomaly

59.2665, 0.3246, 0.3290

Deuteranomaly

59.4729, 0.3362, 0.3291

Tritanomaly

59.2741, 0.3318, 0.3179

Monochromacy



Original Color

59.1845, 0.3371, 0.3279

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9874, 0.3213, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1845, 0.3371, 0.3279 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, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 196)  
}
```

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, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 196) }
```

Border

The CSS property to change the border of an element to Yxy 59.1845, 0.3371, 0.3279 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, 195, 196) }
```

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

```
.border{ border-color:rgb(226, 195, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 195, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 195, 196);  
box-shadow:4px 4px 4px 4px rgb(226, 195,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1845, 0.3371, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 196) }
```

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

```
.background{ background-color: rgb(226,  
195, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor