

Converting Colors

$Yxy(59.7997, 0.3478, 0.3288)$

Have a look what the booklet for
Yxy(59.7997, 0.3478, 0.3288)
contains.

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Color

Yxy(59.8231, 0.3482, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	ECC1C1
RGB	236, 193, 193
RGB Percent	93%, 76%, 76%
CMY	0.0744, 0.2432, 0.2432
CMYK	0.00, 0.18, 0.18, 0.07
HSL	360°, 53%, 84%
HSV	360°, 18%, 93%
XYZ	63.2951, 59.8231, 58.6597
YIQ	205.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

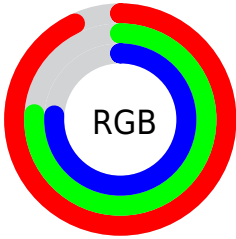
Format	Color
R _Y B	236, 193, 193
Decimal	15516097
CIE Lab	81.74, 15.33, 5.78
CIE LCh	82, 16.383, 20.667
Yxy	59.8231, 0.3482, 0.3291
Android (android.graphics.Color)	4293706177 (0xFFECC1C1)
YUV	205.8570, -6.3385, 26.4354
Hunter-Lab	77.3454, 10.7198, 9.1755

Details

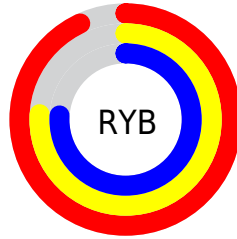
The Yxy color **59.8231, 0.3482, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4043, 0.2853, 0.3289**, and the grayscale version is **61.6573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4708, 0.3165, 0.3300**, and **30.0620, 0.3574, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **49.2394, 0.3748, 0.3292**, and if you desaturate by 10%, it is **72.2457, 0.3269, 0.3290**.

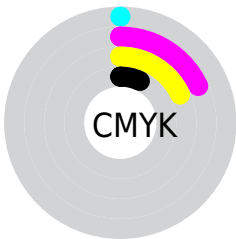
Distribution



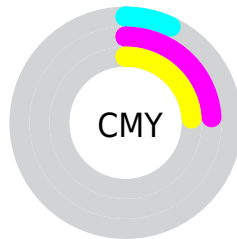
- Red (93%)
- Green (76%)
- Blue (76%)



- Red (93%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8231, 0.3482, 0.3291 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 59.8231, 0.3482, 0.3291 by changing the saturation by 10% instead.


 59.8231, 0.3482,
0.3291

 59.8231, 0.3482,
0.3291


423.9454, 0.3311,
0.3293

 43.2761, 0.3523,
0.3290


 104.5730, 0.3421,
0.3292

 30.1018, 0.3575,
0.3289


133.5447, 0.3398,
0.3292

 19.9159, 0.3641,
0.3286


167.4267, 0.3378,
0.3292

 12.3339, 0.3732,
0.3282

206.6034, 0.3361,
0.3293

 6.9715, 0.3861,
0.3274

251.4592, 0.3346,
0.3293

 3.4443, 0.4058,
0.3259

302.3786, 0.3333,

 1.3678, 0.4396,

0.3293

0.3221

359.7458, 0.3321,
0.3293

0.1928, 0.7430,
0.2570

0.0000, 0.0000,
0.0000

59.8231, 0.3482,
0.3291

59.8231, 0.3482,
0.3291

49.2394, 0.3748,
0.3292

72.2457, 0.3269,
0.3290

40.3996, 0.4077,
0.3293

86.5800, 0.3100,
0.3290

33.2126, 0.4474,
0.3294

96.5784, 0.3012,
0.3290

27.5759, 0.4930,
0.3295

■ 23.3754, 0.5414,
0.3297

■ 20.4814, 0.5863,
0.3298

■ 18.7409, 0.6200,
0.3299

■ 17.9381, 0.6378,
0.3300

■ 17.8385, 0.6401,
0.3300

Harmonies

Analogous

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



59.8231, 0.3320, 0.3120



59.8231, 0.3482, 0.3291



59.8231, 0.3546, 0.3468

Triad

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



59.8231, 0.3482, 0.3291



59.8231, 0.3134, 0.3614



59.8231, 0.2771, 0.2971

Complementary

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



59.8231, 0.3482, 0.3291



77.4043, 0.2853, 0.3289

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.



59.8231, 0.2726, 0.3091



59.8231, 0.3482, 0.3291



59.8231, 0.2931, 0.3468

Square

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



59.8231, 0.3482, 0.3291



59.8231, 0.3340, 0.3663



59.8231, 0.2784, 0.3273



59.8231, 0.2909, 0.2938

Rectangle

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



59.8231, 0.3482, 0.3291



59.8231, 0.3523, 0.3567



59.8231, 0.2784, 0.3273



59.8231, 0.2745, 0.3002

Sweetspot

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



59.8258, 0.3482, 0.3291



91.3391, 0.3211, 0.3290



61.9112, 0.3143, 0.2837



19.2998, 0.3223, 0.3290



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.



59.8258, 0.3482, 0.3291



66.1798, 0.3578, 0.3291



69.6784, 0.3442, 0.3515



15.0541, 0.3293, 0.3290



9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Inverse Universe

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



59.8258, 0.3482, 0.3291



66.1798, 0.3578, 0.3291



66.1131, 0.2840, 0.3054



15.0541, 0.3293, 0.3290



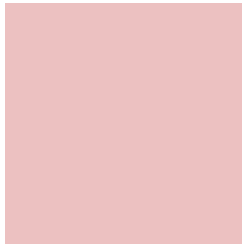
9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 59.8231, 0.3482, 0.3291 looks on a white background.

Color Contrast Check

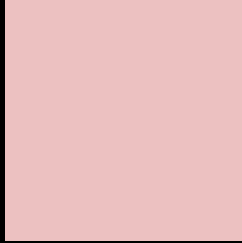
Large Text (above 18pt) WCAG AA × Fail

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 59.8231, 0.3482, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

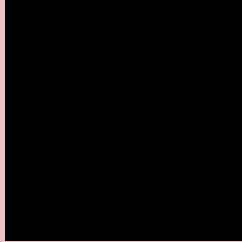
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8231, 0.3482, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 59.8231, 0.3482, 0.3291.



This preview shows how white text looks on a background with the Yxy color 59.8231, 0.3482, 0.3291.

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

59.8231, 0.3482, 0.3291

Protanopia

60.1990, 0.3202, 0.3349

Deuteranopia

59.6165, 0.3410, 0.3336



Tritanopia

59.8950, 0.3397, 0.3128

Trichromacy



Original Color

59.8231, 0.3482, 0.3291

Protanomaly

59.7378, 0.3301, 0.3325

Deuteranomaly

59.6590, 0.3436, 0.3324

Tritanomaly

59.9208, 0.3427, 0.3193

Monochromacy



Original Color

59.8231, 0.3482, 0.3291

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7420, 0.3253, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8231, 0.3482, 0.3291 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(236, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(236, 193, 193)  
}
```

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(236, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 193, 193) }
```

Border

The CSS property to change the border of an element to Yxy 59.8231, 0.3482, 0.3291 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(236, 193, 193) }
```

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

```
.border{ border-color:rgb(236, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(236, 193,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8231, 0.3482, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 193, 193) }
```

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

```
.background{ background-color: rgb(236,  
193, 193) }
```

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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