

Converting Colors

Yxy(59.2567, 0.3478, 0.3231)

Have a look what the booklet for
Yxy(59.2567, 0.3478, 0.3231)
contains.

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Color

Yxy(59.4243, 0.3478, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	EEBFC4
RGB	238, 191, 196
RGB Percent	93%, 75%, 77%
CMY	0.0665, 0.2510, 0.2313
CMYK	0.00, 0.20, 0.18, 0.07
HSL	354°, 58%, 84%
HSV	354°, 20%, 93%
XYZ	63.8683, 59.4243, 60.3425
YIQ	205.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

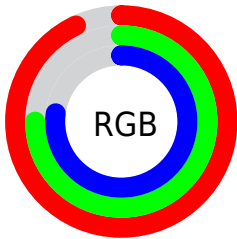
Format	Color
R _Y B	238, 191, 196
Decimal	15646660
CIE Lab	81.52, 17.58, 3.87
CIE LCh	82, 18.001, 12.400
Yxy	59.4243, 0.3478, 0.3236
Android (android.graphics.Color)	4293836740 (0xFFEEBFC4)
YUV	205.6230, -4.7441, 28.3946
Hunter-Lab	77.0872, 12.9883, 7.5498

Details

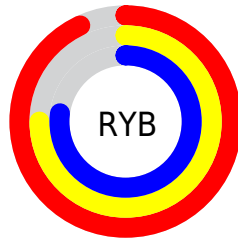
The Yxy color **59.4243, 0.3478, 0.3236** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1346, 0.2859, 0.3345**, and the grayscale version is **61.4907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8734, 0.3143, 0.3233**, and **29.6681, 0.3569, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **48.9749, 0.3722, 0.3207**, and if you desaturate by 10%, it is **71.7035, 0.3282, 0.3264**.

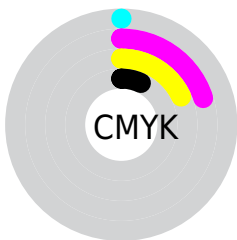
Distribution



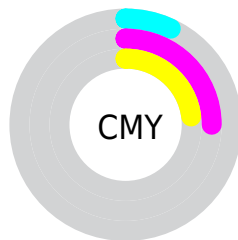
- Red (93%)
- Green (75%)
- Blue (77%)



- Red (93%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (7%)




- Cyan (7%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4243, 0.3478, 0.3236 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 59.4243, 0.3478, 0.3236 by changing the saturation by 10% instead.


 59.4243, 0.3478,
0.3236

 59.4243, 0.3478,
0.3236

422.4725, 0.3309,
0.3264

 42.9548, 0.3518,
0.3229


 103.9941, 0.3418,
0.3246

 29.8496, 0.3569,
0.3220


132.8631, 0.3395,
0.3250

 19.7245, 0.3636,
0.3208


166.6342, 0.3375,
0.3253

 12.1949, 0.3725,
0.3191

205.6915, 0.3358,
0.3256

 6.8766, 0.3852,
0.3166

250.4197, 0.3344,
0.3258

 3.3850, 0.4047,
0.3125


301.2029, 0.3331,

 1.3359, 0.4383,


0.3260

0.3046

358.4257, 0.3319,
0.3262


 0.1687, 0.7775,
0.2225


 0.0000, 0.0000,
0.0000

 59.4243, 0.3478,
0.3236


 59.4243, 0.3478,
0.3236


 48.9749, 0.3722,
0.3207


 71.7035, 0.3282,
0.3264

 40.2601, 0.4023,
0.3179

 85.8856, 0.3124,
0.3291

 33.1883, 0.4384,
0.3154

 96.9253, 0.3024,
0.3290

 27.6562, 0.4802,
0.3139

■ 23.5489, 0.5253,
0.3137

■ 20.7354, 0.5691,
0.3155

■ 19.0603, 0.6054,
0.3194

■ 18.2717, 0.6292,
0.3241

■ 18.2577, 0.6296,
0.3242

Harmonies

Analogous

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



59.4243, 0.3278, 0.3058



59.4243, 0.3478, 0.3236



59.4243, 0.3582, 0.3433

Triad

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



59.4243, 0.3478, 0.3236



59.4243, 0.3199, 0.3675



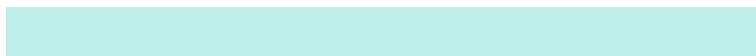
59.4243, 0.2711, 0.2966

Complementary

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



59.4243, 0.3478, 0.3236



78.1346, 0.2859, 0.3345

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.



59.4243, 0.2693, 0.3120



59.4243, 0.3478, 0.3236



59.4243, 0.2969, 0.3540

Square

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



59.4243, 0.3478, 0.3236



59.4243, 0.3416, 0.3695



59.4243, 0.2785, 0.3331



59.4243, 0.2836, 0.2903

Rectangle

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



59.4243, 0.3478, 0.3236



59.4243, 0.3581, 0.3552



59.4243, 0.2785, 0.3331



59.4243, 0.2693, 0.3008

Sweetspot

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



59.4270, 0.3478, 0.3236



89.7748, 0.3218, 0.3274



60.6799, 0.3108, 0.2793



18.9879, 0.3229, 0.3273



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.



59.4270, 0.3478, 0.3236



63.9413, 0.3577, 0.3224



67.5597, 0.3482, 0.3486



15.7863, 0.3276, 0.3265



10.1903, 0.6273, 0.3229



0.8568, 0.6013, 0.3086

Inverse Universe

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



59.4270, 0.3478, 0.3236



63.9413, 0.3577, 0.3224



68.4401, 0.2819, 0.3086



15.7863, 0.3276, 0.3265



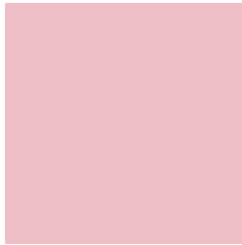
10.1903, 0.6273, 0.3229



0.8568, 0.6013, 0.3086

Previews

White Background



This preview shows how the Yxy color 59.4243, 0.3478, 0.3236 looks on a white background.

Color Contrast Check

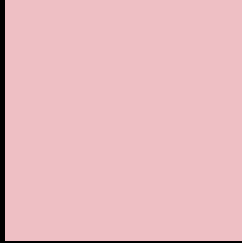
Large Text (above 18pt) WCAG AA × Fail

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 59.4243, 0.3478, 0.3236 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 59.4243, 0.3478, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 59.4243, 0.3478, 0.3236.



This preview shows how white text looks on a background with the Yxy color 59.4243, 0.3478, 0.3236.

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

59.4243, 0.3478, 0.3236

Protanopia

59.6271, 0.3158, 0.3290

Deuteranopia

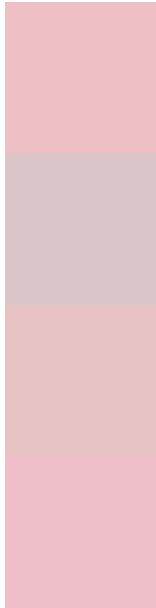
59.4275, 0.3369, 0.3302



Tritanopia

59.5373, 0.3423, 0.3139

Trichromacy



Original Color

59.4243, 0.3478, 0.3236

Protanomaly

59.4637, 0.3271, 0.3268

Deuteranomaly

59.3467, 0.3414, 0.3280

Tritanomaly

59.3947, 0.3447, 0.3172

Monochromacy



Original Color

59.4243, 0.3478, 0.3236

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.9430, 0.3253, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4243, 0.3478, 0.3236 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(238, 191, 196)` looks like.

```
.text, #text, p{  
    color:rgb(238, 191, 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(238, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 191, 196) }
```

Border

The CSS property to change the border of an element to Yxy 59.4243, 0.3478, 0.3236 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(238, 191, 196) }
```

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

```
.border{ border-color:rgb(238, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(238, 191,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4243, 0.3478, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 191, 196) }
```

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

```
.background{ background-color: rgb(238,  
191, 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](#).

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