

Converting Colors

Yxy(57.8714, 0.3488, 0.3212)

Have a look what the booklet for
Yxy(57.8714, 0.3488, 0.3212)
contains.

Yxy(57.9111, 0.3483, 0.3214)	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(57.9111, 0.3483, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	EDBCC3
RGB	237, 188, 195
RGB Percent	93%, 74%, 76%
CMY	0.0706, 0.2627, 0.2352
CMYK	0.00, 0.21, 0.18, 0.07
HSL	351°, 58%, 83%
HSV	351°, 21%, 93%
XYZ	62.7580, 57.9111, 59.5147
YIQ	203.4490, 26.9570, 12.5650

Conversions

Conversions Part 2

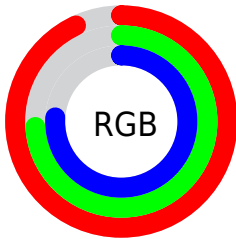
Format	Color
R _Y B	237, 188, 195
Decimal	15580355
CIE Lab	80.69, 18.63, 3.18
CIE LCh	81, 18.897, 9.689
Yxy	57.9111, 0.3483, 0.3214
Android (android.graphics.Color)	4293770435 (0xFFEDBCC3)
YUV	203.4490, -4.1654, 29.4242
Hunter-Lab	76.0993, 14.0326, 6.9008

Details

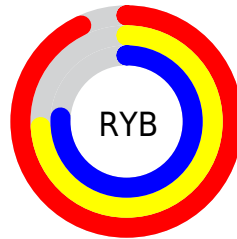
The Yxy color **57.9111, 0.3483, 0.3214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9661, 0.2858, 0.3368**, and the grayscale version is **60.0338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9896, 0.3150, 0.3213**, and **28.9543, 0.3575, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **47.7485, 0.3721, 0.3175**, and if you desaturate by 10%, it is **69.8664, 0.3291, 0.3252**.

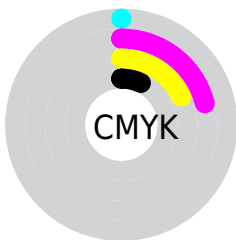
Distribution



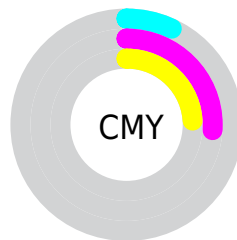
- Red (93%)
- Green (74%)
- Blue (76%)



- Red (93%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9111, 0.3483, 0.3214 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 57.9111, 0.3483, 0.3214 by changing the saturation by 10% instead.

 57.9111, 0.3483,
0.3214

 57.9111, 0.3483,
0.3214

416.8546, 0.3311,
0.3252

 41.7372, 0.3524,
0.3205


 101.7934, 0.3422,
0.3228

 28.8956, 0.3577,
0.3192


130.2706, 0.3398,
0.3233

 19.0018, 0.3645,
0.3176


163.6176, 0.3378,
0.3237

 11.6716, 0.3737,
0.3154

202.2189, 0.3361,
0.3241

 6.5205, 0.3868,
0.3121

246.4588, 0.3346,
0.3245

 3.1641, 0.4072,
0.3067

296.7218, 0.3333,

 1.2180, 0.4425,

0.3247

0.2968

353.3923, 0.3321,
0.3250

0.0763, 0.8736,
0.1264

0.0000, 0.0000,
0.0000

57.9111, 0.3483,
0.3214

57.9111, 0.3483,
0.3214

47.7485, 0.3721,
0.3175

69.8664, 0.3291,
0.3252

39.2847, 0.4013,
0.3137

83.6866, 0.3136,
0.3288

32.4290, 0.4363,
0.3104

96.7427, 0.3017,
0.3290

27.0793, 0.4768,
0.3083

■ 23.1217, 0.5205,
0.3080

■ 20.4260, 0.5634,
0.3102

■ 18.8371, 0.5996,
0.3150

■ 18.1179, 0.6234,
0.3208

Harmonies

Analogous

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



57.9111, 0.3264, 0.3031



57.9111, 0.3483, 0.3214



57.9111, 0.3605, 0.3422

Triad

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



57.9111, 0.3483, 0.3214



57.9111, 0.3225, 0.3706



57.9111, 0.2681, 0.2958

Complementary

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



57.9111, 0.3483, 0.3214



76.9661, 0.2858, 0.3368

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.



57.9111, 0.2672, 0.3128



57.9111, 0.3483, 0.3214



57.9111, 0.2980, 0.3572

Square

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



57.9111, 0.3483, 0.3214



57.9111, 0.3451, 0.3715



57.9111, 0.2780, 0.3355



57.9111, 0.2803, 0.2883

Rectangle

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



57.9111, 0.3483, 0.3214



57.9111, 0.3611, 0.3550



57.9111, 0.2780, 0.3355



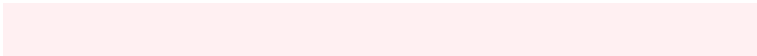
57.9111, 0.2665, 0.3005

Sweetspot

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



57.9137, 0.3483, 0.3214



89.8080, 0.3215, 0.3269



58.8474, 0.3094, 0.2767



18.9957, 0.3225, 0.3267



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.



57.9137, 0.3483, 0.3214



62.8189, 0.3582, 0.3197



65.3689, 0.3504, 0.3478



15.0892, 0.3270, 0.3257



9.9041, 0.6205, 0.3192



0.7887, 0.5876, 0.3011

Inverse Universe

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



57.9137, 0.3483, 0.3214



62.8189, 0.3582, 0.3197



67.9116, 0.2806, 0.3094



15.0892, 0.3270, 0.3257



9.9041, 0.6205, 0.3192



0.7887, 0.5876, 0.3011

Previews

White Background



This preview shows how the Yxy color 57.9111, 0.3483, 0.3214 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 57.9111, 0.3483, 0.3214 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 57.9111, 0.3483, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 57.9111, 0.3483, 0.3214.



This preview shows how white text looks on a background with the Yxy color 57.9111, 0.3483, 0.3214.

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

57.9111, 0.3483, 0.3214

Protanopia

58.4102, 0.3144, 0.3267

Deuteranopia

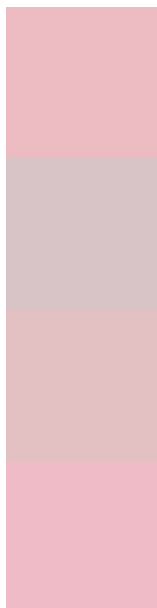
58.0082, 0.3356, 0.3291



Tritanopia

57.9348, 0.3444, 0.3138

Trichromacy



Original Color

57.9111, 0.3483, 0.3214

Protanomaly

58.2023, 0.3265, 0.3256

Deuteranomaly

57.9252, 0.3400, 0.3268

Tritanomaly

57.8413, 0.3460, 0.3160

Monochromacy



Original Color

57.9111, 0.3483, 0.3214

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0054, 0.3247, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9111, 0.3483, 0.3214 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(237, 188, 195)` looks like.

```
.text, #text, p{  
    color:rgb(237, 188, 195)  
}
```

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(237, 188, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 188, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.9111, 0.3483, 0.3214 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(237, 188, 195) }
```

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

```
.border{ border-color:rgb(237, 188, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 188, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 188, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 188, 195);  
box-shadow:4px 4px 4px 4px rgb(237, 188,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9111, 0.3483, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 188, 195) }
```

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

```
.background{ background-color: rgb(237,  
188, 195) }
```

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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