

Converting Colors

Yxy(58.9277, 0.3513, 0.3131)

Have a look what the booklet for
Yxy(58.9277, 0.3513, 0.3131)
contains.

Yxy(58.9277, 0.3513, 0.3131)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.9277, 0.3513, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	F6BAC9
RGB	246, 186, 201
RGB Percent	96%, 73%, 79%
CMY	0.0352, 0.2706, 0.2117
CMYK	0.00, 0.24, 0.18, 0.04
HSL	345°, 77%, 85%
HSV	345°, 24%, 96%
XYZ	66.1172, 58.9277, 63.1624
YIQ	205.6500, 30.9450, 17.3850

Conversions

Conversions Part 2

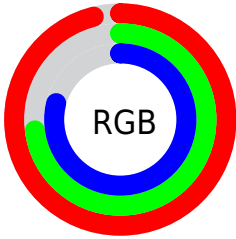
Format	Color
R _Y B	246, 186, 201
Decimal	16169673
CIE Lab	81.25, 23.84, 0.88
CIE LCh	81, 23.853, 2.104
Yxy	58.9277, 0.3513, 0.3131
Android (android.graphics.Color)	4294359753 (0xFFFF6BAC9)
YUV	205.6500, -2.2924, 35.3870
Hunter-Lab	76.7644, 19.4045, 4.9508

Details

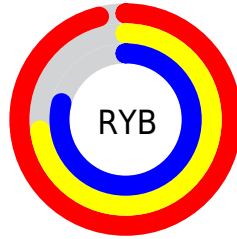
The Yxy color **58.9277, 0.3513, 0.3131** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1366, 0.2846, 0.3456**, and the grayscale version is **61.4895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **29.4279, 0.3617, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **48.6253, 0.3737, 0.3062**, and if you desaturate by 10%, it is **71.1243, 0.3331, 0.3199**.

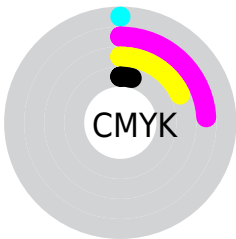
Distribution



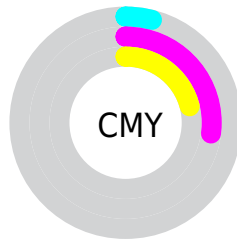
- Red (96%)
- Green (73%)
- Blue (79%)



- Red (96%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (4%)




- Cyan (4%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9277, 0.3513, 0.3131 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 58.9277, 0.3513, 0.3131 by changing the saturation by 10% instead.


 58.9277, 0.3513,
0.3131

 58.9277, 0.3513,
0.3131


420.6339, 0.3327,
0.3208

 42.5549, 0.3557,
0.3113


 103.2726, 0.3447,
0.3158

 29.5361, 0.3613,
0.3089


132.0135, 0.3422,
0.3169

 19.4867, 0.3685,
0.3059


165.6458, 0.3400,
0.3178

 12.0225, 0.3783,
0.3018

204.5541, 0.3382,
0.3185

 6.7590, 0.3921,
0.2960

249.1227, 0.3366,
0.3192

 3.3118, 0.4132,
0.2870


299.7359, 0.3351,

 1.2966, 0.4491,

0.3198

0.2715


356.7782, 0.3339,
0.3203

 0.1386, 0.7576,
0.1471


 0.0000, 0.0000,
0.0000


 58.9277, 0.3513,
0.3131


 58.9277, 0.3513,
0.3131


 48.6253, 0.3737,
0.3062

 71.1243, 0.3331,
0.3199

 40.1139, 0.4007,
0.2997

 85.2953, 0.3183,
0.3263

 33.2927, 0.4328,
0.2941

 98.3381, 0.3072,
0.3290

 28.0477, 0.4693,
0.2905

■ 24.2506, 0.5086,
0.2899

■ 21.7529, 0.5473,
0.2934

■ 20.3730, 0.5812,
0.3010

■ 19.9416, 0.5970,
0.3062

Harmonies

Analogous

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



58.9277, 0.3218, 0.2922



58.9277, 0.3513, 0.3131



58.9277, 0.3705, 0.3384

Triad

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



58.9277, 0.3513, 0.3131



58.9277, 0.3324, 0.3835



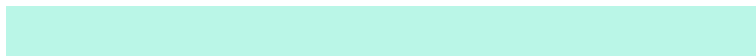
58.9277, 0.2556, 0.2916

Complementary

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



58.9277, 0.3513, 0.3131



82.1366, 0.2846, 0.3456

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.



58.9277, 0.2582, 0.3150



58.9277, 0.3513, 0.3131



58.9277, 0.3016, 0.3704

Square

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



58.9277, 0.3513, 0.3131



58.9277, 0.3589, 0.3800



58.9277, 0.2746, 0.3444



58.9277, 0.2673, 0.2794

Rectangle

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



58.9277, 0.3513, 0.3131



58.9277, 0.3742, 0.3552



58.9277, 0.2746, 0.3444



58.9277, 0.2548, 0.2983

Sweetspot

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



58.9304, 0.3513, 0.3131



88.3032, 0.3219, 0.3247



58.5958, 0.3032, 0.2658



18.6956, 0.3227, 0.3243



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.



58.9304, 0.3513, 0.3131



58.4780, 0.3611, 0.3099



64.4515, 0.3605, 0.3441



16.5506, 0.3254, 0.3231



10.6600, 0.5930, 0.3040



0.9527, 0.5580, 0.2848

Inverse Universe

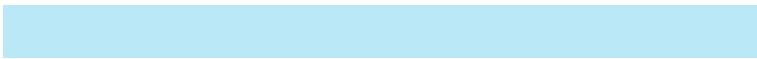
The Inverse Universe completely reimagines the original color for something new.



58.9304, 0.3513, 0.3131



58.4780, 0.3611, 0.3099



74.8183, 0.2754, 0.3134



16.5506, 0.3254, 0.3231



10.6600, 0.5930, 0.3040



0.9527, 0.5580, 0.2848

Previews

White Background



This preview shows how the Yxy color 58.9277, 0.3513, 0.3131 looks on a white background.

Color Contrast Check

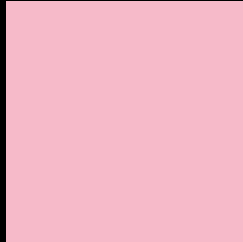
Large Text (above 18pt) WCAG AA × Fail

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 58.9277, 0.3513, 0.3131 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 58.9277, 0.3513, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 58.9277, 0.3513, 0.3131.



This preview shows how white text looks on a background with the Yxy color 58.9277, 0.3513, 0.3131.

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

58.9277, 0.3513, 0.3131

Protanopia

59.2638, 0.3086, 0.3185

Deuteranopia

59.2914, 0.3322, 0.3257



Tritanopia

58.8808, 0.3521, 0.3142

Trichromacy



Original Color

58.9277, 0.3513, 0.3131

Protanomaly

59.0449, 0.3228, 0.3166

Deuteranomaly

58.8583, 0.3386, 0.3202

Tritanomaly

58.8808, 0.3521, 0.3142

Monochromacy



Original Color

58.9277, 0.3513, 0.3131

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.5786, 0.3264, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9277, 0.3513, 0.3131 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(246, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 186, 201)  
}
```

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(246, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 186, 201) }
```

Border

The CSS property to change the border of an element to Yxy 58.9277, 0.3513, 0.3131 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(246, 186, 201) }
```

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

```
.border{ border-color:rgb(246, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(246, 186,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9277, 0.3513, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 186, 201) }
```

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

```
.background{ background-color: rgb(246,  
186, 201) }
```

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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