

Converting Colors

Yxy(58.8749, 0.3509, 0.3194)

Have a look what the booklet for
Yxy(58.8749, 0.3509, 0.3194)
contains.

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Color

Yxy(58.8749, 0.3509, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	F2BCC5
RGB	242, 188, 197
RGB Percent	95%, 74%, 77%
CMY	0.0509, 0.2627, 0.2275
CMYK	0.00, 0.22, 0.19, 0.05
HSL	350°, 68%, 84%
HSV	350°, 22%, 95%
XYZ	64.6813, 58.8749, 60.7735
YIQ	205.1720, 29.2950, 14.2470

Conversions

Conversions Part 2

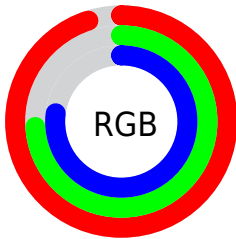
Format	Color
R_{YB}	242, 188, 197
Decimal	15908037
CIE _{Lab}	81.22, 20.73, 2.96
CIE _{LCh}	81, 20.941, 8.113
Yxy	58.8749, 0.3509, 0.3194
Android (android.graphics.Color)	4294098117 (0xFFFF2BCC5)
YUV	205.1720, -4.0288, 32.2982
Hunter-Lab	76.7300, 16.1932, 6.7507

Details

The Yxy color **58.8749, 0.3509, 0.3194** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0872, 0.2844, 0.3389**, and the grayscale version is **61.1794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1171, 0.3138, 0.3194**, and **29.3477, 0.3612, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **48.5262, 0.3749, 0.3148**, and if you desaturate by 10%, it is **71.0864, 0.3315, 0.3239**.

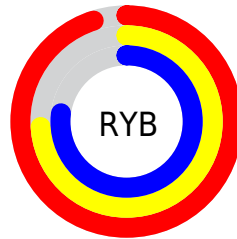
Distribution



Red (95%)

Green (74%)

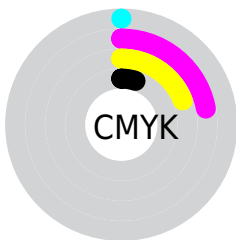
Blue (77%)



Red (95%)

Yellow (74%)

Blue (77%)

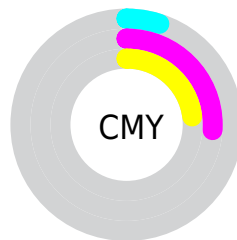


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (5%)



Cyan (5%)

Magenta (26%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8749, 0.3509, 0.3194 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 58.8749, 0.3509, 0.3194 by changing the saturation by 10% instead.

 58.8749, 0.3509,
0.3194

 58.8749, 0.3509,
0.3194


420.4382, 0.3325,
0.3242

 42.5124, 0.3553,
0.3182

 103.1958, 0.3443,
0.3211

 29.5027, 0.3609,
0.3167


131.9231, 0.3418,
0.3218

 19.4615, 0.3681,
0.3148


165.5407, 0.3397,
0.3223

 12.0042, 0.3778,
0.3120

204.4330, 0.3379,
0.3228

 6.7465, 0.3917,
0.3081

248.9846, 0.3363,
0.3232

 3.3041, 0.4130,
0.3018


299.5797, 0.3348,

 1.2925, 0.4496,


0.3236


0.2903


356.6028, 0.3336,
0.3239


 0.1354, 0.8242,
0.1758


 0.0000, 0.0000,
0.0000


 58.8749, 0.3509,
0.3194


 58.8749, 0.3509,
0.3194


 48.5262, 0.3749,
0.3148

 71.0864, 0.3315,
0.3239

 39.9411, 0.4042,
0.3105

 85.2376, 0.3159,
0.3281

 33.0231, 0.4392,
0.3068

 97.6193, 0.3048,
0.3290

 27.6633, 0.4792,
0.3044

■ 23.7401, 0.5223,
0.3043

■ 21.1134, 0.5640,
0.3071

■ 19.6149, 0.5991,
0.3129

■ 19.0345, 0.6189,
0.3183

Harmonies

Analogous

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



58.8749, 0.3263, 0.2997



58.8749, 0.3509, 0.3194



58.8749, 0.3651, 0.3421

Triad

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



58.8749, 0.3509, 0.3194



58.8749, 0.3248, 0.3754



58.8749, 0.2633, 0.2931

Complementary

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



58.8749, 0.3509, 0.3194



80.0872, 0.2844, 0.3389

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.



58.8749, 0.2631, 0.3122



58.8749, 0.3509, 0.3194



58.8749, 0.2978, 0.3613

Square

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



58.8749, 0.3509, 0.3194



58.8749, 0.3494, 0.3755



58.8749, 0.2754, 0.3374



58.8749, 0.2761, 0.2844

Rectangle

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



58.8749, 0.3509, 0.3194



58.8749, 0.3663, 0.3564



58.8749, 0.2754, 0.3374



58.8749, 0.2618, 0.2985

Sweetspot

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



58.8776, 0.3509, 0.3194



88.2138, 0.3228, 0.3261



59.7042, 0.3083, 0.2723



18.6750, 0.3237, 0.3259



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.



58.8776, 0.3509, 0.3194



60.5004, 0.3617, 0.3172



66.6554, 0.3543, 0.3484



15.8018, 0.3267, 0.3251



10.2377, 0.6157, 0.3165



0.8641, 0.5824, 0.2982

Inverse Universe

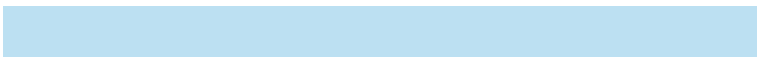
The Inverse Universe completely reimagines the original color for something new.



58.8776, 0.3509, 0.3194



60.5004, 0.3617, 0.3172



70.4190, 0.2781, 0.3087



15.8018, 0.3267, 0.3251



10.2377, 0.6157, 0.3165



0.8641, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 58.8749, 0.3509, 0.3194 looks on a white background.

Color Contrast Check

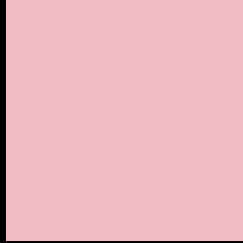
Large Text (above 18pt) WCAG AA × Fail

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 58.8749, 0.3509, 0.3194 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 58.8749, 0.3509, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 58.8749, 0.3509, 0.3194.



This preview shows how white text looks on a background with the Yxy color 58.8749, 0.3509, 0.3194.

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

58.8749, 0.3509, 0.3194

Protanopia

59.1121, 0.3137, 0.3255

Deuteranopia

58.8630, 0.3355, 0.3279



Tritanopia

58.8596, 0.3478, 0.3130

Trichromacy



Original Color

58.8749, 0.3509, 0.3194

Protanomaly

58.6023, 0.3266, 0.3233

Deuteranomaly

58.6737, 0.3418, 0.3246

Tritanomaly

58.7655, 0.3494, 0.3151

Monochromacy



Original Color

58.8749, 0.3509, 0.3194

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.0165, 0.3255, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8749, 0.3509, 0.3194 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(242, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(242, 188, 197)  
}
```

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(242, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 188, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.8749, 0.3509, 0.3194 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(242, 188, 197) }
```

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

```
.border{ border-color:rgb(242, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(242, 188,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8749, 0.3509, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 188, 197) }
```

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

```
.background{ background-color: rgb(242,  
188, 197) }
```

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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