

Converting Colors

$Y_{xy}(58.8292, 0.3517, 0.3205)$

Have a look what the booklet for
Yxy(58.8292, 0.3517, 0.3205)
contains.

Yxy(58.8292, 0.3517, 0.3205)	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(58.8292, 0.3517, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	F2BCC4
RGB	242, 188, 196
RGB Percent	95%, 74%, 77%
CMY	0.0511, 0.2627, 0.2314
CMYK	0.00, 0.22, 0.19, 0.05
HSL	351°, 67%, 84%
HSV	351°, 22%, 95%
XYZ	64.5561, 58.8292, 60.1691
YIQ	205.0580, 29.6160, 13.9360

Conversions

Conversions Part 2

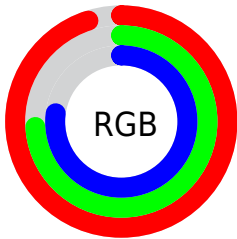
Format	Color
R _Y B	242, 188, 196
Decimal	15908036
CIE Lab	81.20, 20.56, 3.46
CIE LCh	81, 20.845, 9.554
Yxy	58.8292, 0.3517, 0.3205
Android (android.graphics.Color)	4294098116 (0xFFFF2BCC4)
YUV	205.0580, -4.4656, 32.3981
Hunter-Lab	76.7002, 16.0124, 7.1788

Details

The Yxy color **58.8292, 0.3517, 0.3205** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.1213, 0.2839, 0.3378**, and the grayscale version is **61.1041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0532, 0.3144, 0.3204**, and **29.3175, 0.3623, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **48.4690, 0.3762, 0.3165**, and if you desaturate by 10%, it is **71.0570, 0.3319, 0.3245**.

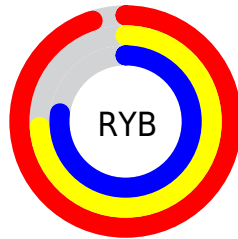
Distribution



Red (95%)

Green (74%)

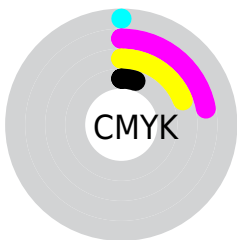
Blue (77%)



Red (95%)

Yellow (74%)

Blue (77%)

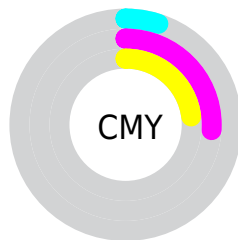


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (5%)



Cyan (5%)


Magenta (26%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8292, 0.3517, 0.3205 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 58.8292, 0.3517, 0.3205 by changing the saturation by 10% instead.


 58.8292, 0.3517,
0.3205

 58.8292, 0.3517,
0.3205


420.2687, 0.3329,
0.3248

 42.4756, 0.3562,
0.3194


 103.1294, 0.3450,
0.3220

 29.4739, 0.3619,
0.3181


131.8448, 0.3424,
0.3226

 19.4396, 0.3693,
0.3163


165.4496, 0.3403,
0.3231

 11.9884, 0.3792,
0.3138

204.3282, 0.3384,
0.3235

 6.7358, 0.3935,
0.3101

248.8651, 0.3367,
0.3239

 3.2974, 0.4153,
0.3042

299.4445, 0.3353,

 1.2889, 0.4528,

0.3242

0.2934

356.4509, 0.3340,
0.3245

0.1326, 0.8256,
0.1744

0.0000, 0.0000,
0.0000

58.8292, 0.3517,
0.3205

58.8292, 0.3517,
0.3205

48.4690, 0.3762,
0.3165

71.0570, 0.3319,
0.3245

39.8768, 0.4063,
0.3126

85.2297, 0.3159,
0.3282

32.9560, 0.4421,
0.3094

97.6121, 0.3047,
0.3290

27.5973, 0.4831,
0.3074

■ 23.6785, 0.5269,
0.3074

■ 21.0591, 0.5691,
0.3101

■ 19.5703, 0.6037,
0.3155

■ 18.9978, 0.6228,
0.3204

Harmonies

Analogous

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



58.8292, 0.3276, 0.3006



58.8292, 0.3517, 0.3205



58.8292, 0.3652, 0.3432

Triad

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



58.8292, 0.3517, 0.3205



58.8292, 0.3235, 0.3749



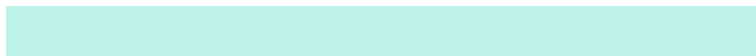
58.8292, 0.2639, 0.2926

Complementary

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



58.8292, 0.3517, 0.3205



80.1213, 0.2839, 0.3378

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.



58.8292, 0.2630, 0.3112



58.8292, 0.3517, 0.3205



58.8292, 0.2966, 0.3602

Square

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



58.8292, 0.3517, 0.3205



58.8292, 0.3482, 0.3756



58.8292, 0.2747, 0.3361



58.8292, 0.2772, 0.2845

Rectangle

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



58.8292, 0.3517, 0.3205



58.8292, 0.3659, 0.3573



58.8292, 0.2747, 0.3361



58.8292, 0.2621, 0.2978

Sweetspot

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



58.8319, 0.3517, 0.3205



88.1938, 0.3230, 0.3265



59.8557, 0.3090, 0.2724



18.6704, 0.3240, 0.3262



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.



58.8319, 0.3517, 0.3205



60.4411, 0.3628, 0.3186



67.0822, 0.3540, 0.3494



15.7969, 0.3270, 0.3255



10.2207, 0.6198, 0.3188



0.8618, 0.5882, 0.3014

Inverse Universe

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



58.8319, 0.3517, 0.3205



60.4411, 0.3628, 0.3186



69.9252, 0.2780, 0.3077



15.7969, 0.3270, 0.3255



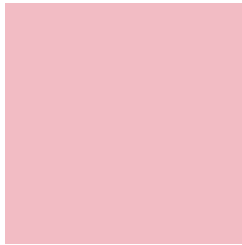
10.2207, 0.6198, 0.3188



0.8618, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 58.8292, 0.3517, 0.3205 looks on a white background.

Color Contrast Check

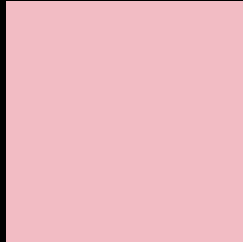
Large Text (above 18pt) WCAG AA × Fail

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 58.8292, 0.3517, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

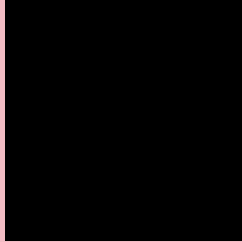
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8292, 0.3517, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 58.8292, 0.3517, 0.3205.

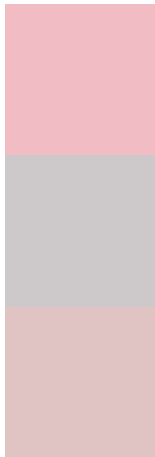


This preview shows how white text looks on a background with the Yxy color 58.8292, 0.3517, 0.3205.

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

58.8292, 0.3517, 0.3205

Protanopia

59.0642, 0.3144, 0.3267

Deuteranopia

58.8176, 0.3363, 0.3291



Tritanopia

58.8596, 0.3478, 0.3130

Trichromacy



Original Color

58.8292, 0.3517, 0.3205

Protanomaly

58.5554, 0.3274, 0.3245

Deuteranomaly

58.6283, 0.3426, 0.3257

Tritanomaly

58.7655, 0.3494, 0.3151

Monochromacy



Original Color

58.8292, 0.3517, 0.3205

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 58.8292, 0.3517, 0.3205 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(242, 188, 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(242, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 188, 196) }
```

Border

The CSS property to change the border of an element to Yxy 58.8292, 0.3517, 0.3205 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, 196) }
```

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

```
.border{ border-color:rgb(242, 188, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(242, 188,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8292, 0.3517, 0.3205 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, 196) }
```

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

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