

Converting Colors

$Y_{xy}(58.5179, 0.3289, 0.3106)$

Have a look what the booklet for
Yxy(58.5179, 0.3289, 0.3106)
contains.

Yxy(58.5842, 0.3289, 0.3113)	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(58.5842, 0.3289, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	E3C0D0
RGB	227, 192, 208
RGB Percent	89%, 75%, 82%
CMY	0.1101, 0.2469, 0.1844
CMYK	0.00, 0.15, 0.08, 0.11
HSL	333°, 38%, 82%
HSV	333°, 15%, 89%
XYZ	61.8964, 58.5842, 67.7115
YIQ	204.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

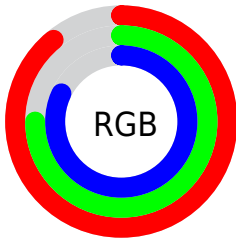
Format	Color
R _Y B	227, 192, 208
Decimal	14926032
CIE Lab	81.06, 15.02, -3.36
CIE LCh	81, 15.389, 347.378
Yxy	58.5842, 0.3289, 0.3113
Android (android.graphics.Color)	4293116112 (0xFFE3C0D0)
YUV	204.2890, 1.8295, 19.9175
Hunter-Lab	76.5403, 10.4033, 1.1272

Details

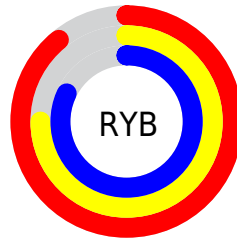
The Yxy color $58.5842, 0.3289, 0.3113$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $70.8148, 0.2990, 0.3474$, and the grayscale version is $60.5541, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $29.1680, 0.3324, 0.3057$ is the 20% darker color. If you saturate the color by 10%, you get $48.7926, 0.3423, 0.2991$, and if you desaturate by 10%, it is $69.9647, 0.3178, 0.3230$.

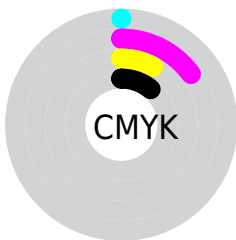
Distribution



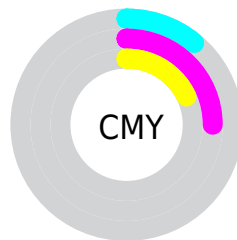
- Red (89%)
- Green (75%)
- Blue (82%)



- Red (89%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5842, 0.3289, 0.3113 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 58.5842, 0.3289, 0.3113 by changing the saturation by 10% instead.


 58.5842, 0.3289,
0.3113

 58.5842, 0.3289,
0.3113


419.3593, 0.3212,
0.3197

 42.2785, 0.3307,
0.3093

 102.7731, 0.3262,
0.3143

 29.3194, 0.3330,
0.3069


131.4251, 0.3251,
0.3154

 19.3226, 0.3360,
0.3037


164.9613, 0.3242,
0.3164

 11.9036, 0.3400,
0.2994

203.7661, 0.3235,
0.3172

 6.6781, 0.3456,
0.2935

248.2239, 0.3228,
0.3180

 3.2616, 0.3541,
0.2845

298.7191, 0.3222,

 1.2698, 0.3686,

0.3186

0.2697

355.6361, 0.3216,
0.3192

0.1176, 0.4987,
0.1226

0.0000, 0.0000,
0.0000

58.5842, 0.3289,
0.3113

58.5842, 0.3289,
0.3113

48.7926, 0.3423,
0.2991

69.9647, 0.3178,
0.3230

40.5108, 0.3583,
0.2868

82.9929, 0.3087,
0.3340

33.6648, 0.3773,
0.2749

94.4294, 0.3013,
0.3391

28.1710, 0.3993,
0.2643

95.0602, 0.2958,
0.3290

■ 23.9372, 0.4241,
0.2561

■ 20.8594, 0.4510,
0.2517

■ 18.8169, 0.4786,
0.2522

■ 17.6615, 0.5052,
0.2582

■ 17.3146, 0.5171,
0.2622

Harmonies

Analogous

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



58.5842, 0.3088, 0.2999



58.5842, 0.3289, 0.3113



58.5842, 0.3450, 0.3273

Triad

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



58.5842, 0.3289, 0.3113



58.5842, 0.3348, 0.3642



58.5842, 0.2748, 0.3119

Complementary

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



58.5842, 0.3289, 0.3113



70.8148, 0.2990, 0.3474

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.



58.5842, 0.2813, 0.3295



58.5842, 0.3289, 0.3113



58.5842, 0.3157, 0.3606

Square

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



58.5842, 0.3289, 0.3113



58.5842, 0.3484, 0.3578



58.5842, 0.2961, 0.3477



58.5842, 0.2780, 0.2997

Rectangle

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



58.5842, 0.3289, 0.3113



58.5842, 0.3510, 0.3387



58.5842, 0.2961, 0.3477



58.5842, 0.2759, 0.3174

Sweetspot

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



58.5868, 0.3289, 0.3113



91.6954, 0.3175, 0.3234



57.0522, 0.3019, 0.2896



19.3862, 0.3182, 0.3226



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.



58.5868, 0.3289, 0.3113



72.6279, 0.3323, 0.3080



58.3535, 0.3414, 0.3304



13.8042, 0.3221, 0.3183



9.8100, 0.5132, 0.2601



0.6979, 0.4760, 0.2396

Inverse Universe

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



58.5868, 0.3289, 0.3113



72.6279, 0.3323, 0.3080



71.0211, 0.2894, 0.3276



13.8042, 0.3221, 0.3183



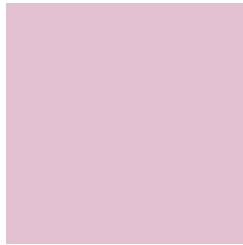
9.8100, 0.5132, 0.2601



0.6979, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 58.5842, 0.3289, 0.3113 looks on a white background.

Color Contrast Check

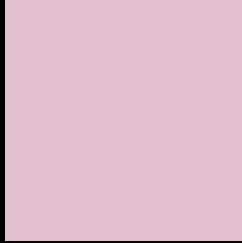
Large Text (above 18pt) WCAG AA × Fail

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 58.5842, 0.3289, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

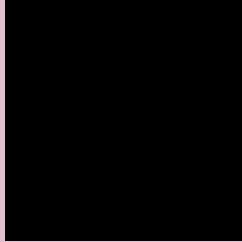
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5842, 0.3289, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 58.5842, 0.3289, 0.3113.



This preview shows how white text looks on a background with the Yxy color 58.5842, 0.3289, 0.3113.

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

58.5842, 0.3289, 0.3113

Protanopia

58.6692, 0.3050, 0.3138

Deuteranopia

58.4406, 0.3221, 0.3154



Tritanopia

58.5352, 0.3297, 0.3124

Trichromacy



Original Color

58.5842, 0.3289, 0.3113

Protanomaly

58.4845, 0.3135, 0.3129

Deuteranomaly

58.4607, 0.3246, 0.3144

Tritanomaly

58.5352, 0.3297, 0.3124

Monochromacy



Original Color

58.5842, 0.3289, 0.3113

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7134, 0.3185, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5842, 0.3289, 0.3113 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(227, 192, 208)` looks like.

```
.text, #text, p{  
    color:rgb(227, 192, 208)  
}
```

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(227, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 192, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.5842, 0.3289, 0.3113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

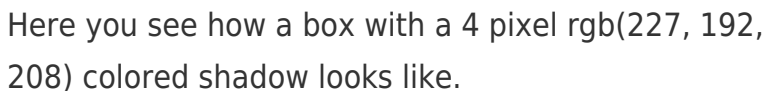
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 192, 208) }
```

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

```
.border{ border-color:rgb(227, 192, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 192, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 192, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 192, 208); box-shadow:4px 4px 4px 4px rgb(227, 192, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5842, 0.3289, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 192, 208) }
```

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

```
.background{ background-color: rgb(227,  
192, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor