

Converting Colors

$Y_{xy}(58.1984, 0.3651, 0.3226)$

Have a look what the booklet for
Yxy(58.1984, 0.3651, 0.3226)
contains.

Yxy(58.3227, 0.3645, 0.3228)	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(58.3227, 0.3645, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	FAB8BE
RGB	250, 184, 190
RGB Percent	98%, 72%, 75%
CMY	0.0196, 0.2784, 0.2549
CMYK	0.00, 0.26, 0.24, 0.02
HSL	355°, 87%, 85%
HSV	355°, 26%, 98%
XYZ	65.8570, 58.3227, 56.4979
YIQ	204.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

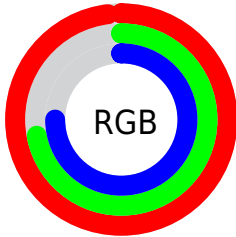
Format	Color
R _Y B	250, 184, 190
Decimal	16431294
CIE Lab	80.92, 24.69, 6.39
CIE LCh	81, 25.506, 14.499
Yxy	58.3227, 0.3645, 0.3228
Android (android.graphics.Color)	4294621374 (0xFFFA88BE)
YUV	204.4180, -7.1081, 39.9754
Hunter-Lab	76.3693, 20.2829, 9.5959

Details

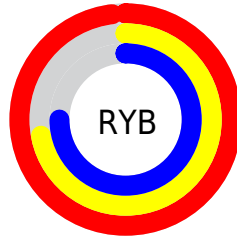
The Yxy color **58.3227, 0.3645, 0.3228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.0915, 0.2770, 0.3354**, and the grayscale version is **60.6912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2340, 0.3189, 0.3232**, and **29.2452, 0.3772, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **47.9225, 0.3932, 0.3204**, and if you desaturate by 10%, it is **70.7186, 0.3413, 0.3253**.

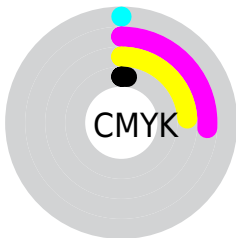
Distribution



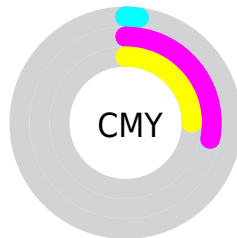
- Red (98%)
- Green (72%)
- Blue (75%)



- Red (98%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (2%)




- Cyan (2%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3227, 0.3645, 0.3228 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 58.3227, 0.3645, 0.3228 by changing the saturation by 10% instead.


 58.3227, 0.3645,
0.3228

 58.3227, 0.3645,
0.3228


418.3873, 0.3394,
0.3262

 42.0681, 0.3705,
0.3219


 102.3926, 0.3556,
0.3241

 29.1546, 0.3781,
0.3207


130.9768, 0.3521,
0.3245

 19.1978, 0.3880,
0.3191


164.4396, 0.3492,
0.3249

 11.8133, 0.4014,
0.3167

203.1655, 0.3467,
0.3252

 6.6167, 0.4205,
0.3131

247.5388, 0.3445,
0.3255

 3.2236, 0.4497,
0.3069


297.9439, 0.3426,

 1.2495, 0.5000,


0.3258


0.2948


354.7653, 0.3409,
0.3260


 0.1016, 0.8731,
0.1269


 0.0000, 0.0000,
0.0000


 58.3227, 0.3645,
0.3228


 58.3227, 0.3645,
0.3228


 47.9225, 0.3932,
0.3204


 70.7186, 0.3413,
0.3253

 39.4060, 0.4282,
0.3182

 85.1981, 0.3226,
0.3276

 32.6628, 0.4691,
0.3166

 99.0630, 0.3096,
0.3290

 27.5676, 0.5144,
0.3162

■ 23.9787, 0.5597,
0.3173

■ 21.7304, 0.5989,
0.3202

■ 20.6169, 0.6257,
0.3244

■ 20.3835, 0.6322,
0.3256

Harmonies

Analogous

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



58.3227, 0.3362, 0.2980



58.3227, 0.3645, 0.3228



58.3227, 0.3783, 0.3502

Triad

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



58.3227, 0.3645, 0.3228



58.3227, 0.3201, 0.3840



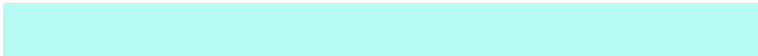
58.3227, 0.2550, 0.2818

Complementary

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



58.3227, 0.3645, 0.3228



85.0915, 0.2770, 0.3354

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.



58.3227, 0.2513, 0.3022



58.3227, 0.3645, 0.3228



58.3227, 0.2878, 0.3632

Square

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



58.3227, 0.3645, 0.3228



58.3227, 0.3516, 0.3874



58.3227, 0.2630, 0.3322



58.3227, 0.2732, 0.2746

Rectangle

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



58.3227, 0.3645, 0.3228



58.3227, 0.3770, 0.3669



58.3227, 0.2630, 0.3322



58.3227, 0.2521, 0.2873

Sweetspot

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



58.3254, 0.3645, 0.3228



86.5302, 0.3254, 0.3272



60.3120, 0.3107, 0.2621



18.0138, 0.3280, 0.3269



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.



58.3254, 0.3645, 0.3228



54.6288, 0.3800, 0.3214



70.0768, 0.3626, 0.3568



17.2508, 0.3280, 0.3269



10.8213, 0.6301, 0.3245



1.0106, 0.6093, 0.3130

Inverse Universe

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



58.3254, 0.3645, 0.3228



54.6288, 0.3800, 0.3214



70.1901, 0.2712, 0.2994



17.2508, 0.3280, 0.3269



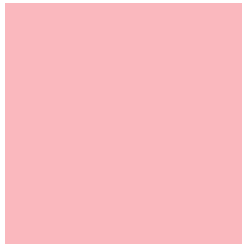
10.8213, 0.6301, 0.3245



1.0106, 0.6093, 0.3130

Previews

White Background



This preview shows how the Yxy color 58.3227, 0.3645, 0.3228 looks on a white background.

Color Contrast Check

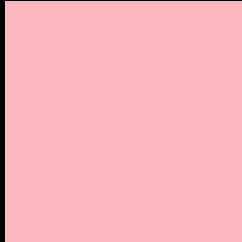
Large Text (above 18pt) WCAG AA × Fail

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 58.3227, 0.3645, 0.3228 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 58.3227, 0.3645, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 58.3227, 0.3645, 0.3228.



This preview shows how white text looks on a background with the Yxy color 58.3227, 0.3645, 0.3228.

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

58.3227, 0.3645, 0.3228

Protanopia

58.4112, 0.3174, 0.3302

Deuteranopia

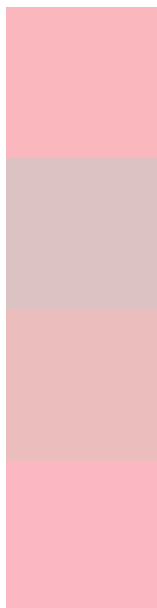
58.3832, 0.3437, 0.3359



Tritanopia

58.4074, 0.3595, 0.3144

Trichromacy



Original Color

58.3227, 0.3645, 0.3228

Protanomaly

57.9412, 0.3332, 0.3268

Deuteranomaly

58.1632, 0.3512, 0.3302

Tritanomaly

58.2712, 0.3621, 0.3175

Monochromacy



Original Color

58.3227, 0.3645, 0.3228

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.4282, 0.3304, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3227, 0.3645, 0.3228 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(250, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(250, 184, 190)  
}
```

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(250, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 184, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.3227, 0.3645, 0.3228 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(250, 184, 190) }
```

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

```
.border{ border-color:rgb(250, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(250, 184,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3227, 0.3645, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 184, 190) }
```

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

```
.background{ background-color: rgb(250,  
184, 190) }
```

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