

Converting Colors

$Y_{xy}(65.4448, 0.3971, 0.3275)$

Have a look what the booklet for
Yxy(65.4448, 0.3971, 0.3275)
contains.

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Color

Yxy(59.0862, 0.3722, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8BA
RGB	255, 184, 186
RGB Percent	100%, 72%, 73%
CMY	0.0002, 0.2783, 0.2706
CMYK	0.00, 0.28, 0.27, 0.00
HSL	358°, 100%, 86%
HSV	358°, 28%, 100%
XYZ	67.2329, 59.0862, 54.3174
YIQ	205.4570, 41.6740, 15.6740

Conversions

Conversions Part 2

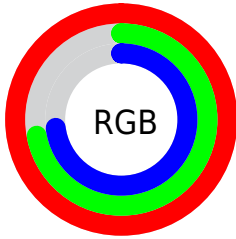
Format	Color
R _Y B	255, 184, 186
Decimal	16758970
CIE Lab	81.34, 25.94, 9.21
CIE LCh	81, 27.524, 19.541
Yxy	59.0862, 0.3722, 0.3271
Android (android.graphics.Color)	4294949050 (0xFFFFB8BA)
YUV	205.4570, -9.5923, 43.4492
Hunter-Lab	76.8675, 21.6085, 11.9108

Details

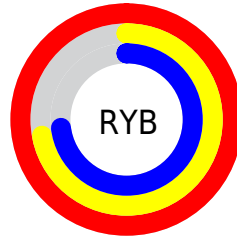
The Yxy color **59.0862, 0.3722, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7789, 0.2731, 0.3310**, and the grayscale version is **61.4000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9910, 0.3214, 0.3271**, and **29.5290, 0.3881, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **48.4678, 0.4041, 0.3264**, and if you desaturate by 10%, it is **71.8018, 0.3465, 0.3278**.

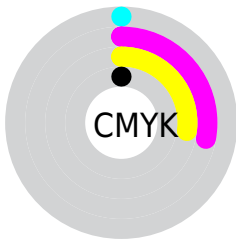
Distribution



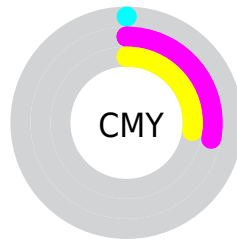
- Red (100%)
- Green (72%)
- Blue (73%)



- Red (100%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0862, 0.3722, 0.3271 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 59.0862, 0.3722, 0.3271 by changing the saturation by 10% instead.


 59.0862, 0.3722,
0.3271

 59.0862, 0.3722,
0.3271


421.2213, 0.3434,
0.3286

 42.6825, 0.3791,
0.3266

 103.5029, 0.3619,
0.3277

 29.6361, 0.3878,
0.3259


132.2848, 0.3580,
0.3280

 19.5625, 0.3991,
0.3248


165.9615, 0.3547,
0.3281

 12.0775, 0.4144,
0.3232

204.9174, 0.3518,
0.3283

 6.7964, 0.4360,
0.3204

249.5369, 0.3493,
0.3284

 3.3351, 0.4689,
0.3151

300.2045, 0.3471,

 1.3091, 0.5265,

0.3284

0.3050

357.3045, 0.3451,
0.3285

0.1482, 0.8393,
0.1607

0.0000, 0.0000,
0.0000

59.0862, 0.3722,
0.3271

59.0862, 0.3722,
0.3271

48.4678, 0.4041,
0.3264

71.8018, 0.3465,
0.3278

39.8264, 0.4426,
0.3259

86.7100, 0.3259,
0.3285

33.0422, 0.4872,
0.3256

99.9926, 0.3127,
0.3290

27.9791, 0.5350,
0.3257

■ 24.4826, 0.5803,
0.3263

■ 22.3705, 0.6157,
0.3275

■ 21.4009, 0.6355,
0.3289

■ 21.2682, 0.6381,
0.3289

Harmonies

Analogous

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



59.0862, 0.3437, 0.2998



59.0862, 0.3722, 0.3271



59.0862, 0.3837, 0.3562

Triad

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



59.0862, 0.3722, 0.3271



59.0862, 0.3145, 0.3858



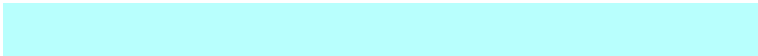
59.0862, 0.2531, 0.2761

Complementary

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



59.0862, 0.3722, 0.3271



88.7789, 0.2731, 0.3310

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.



59.0862, 0.2465, 0.2955



59.0862, 0.3722, 0.3271



59.0862, 0.2807, 0.3607

Square

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



59.0862, 0.3722, 0.3271



59.0862, 0.3491, 0.3926



59.0862, 0.2562, 0.3265



59.0862, 0.2749, 0.2710

Rectangle

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



59.0862, 0.3722, 0.3271



59.0862, 0.3800, 0.3735



59.0862, 0.2562, 0.3265



59.0862, 0.2491, 0.2810

Sweetspot

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



59.0890, 0.3722, 0.3271



86.4558, 0.3262, 0.3285



62.3155, 0.3142, 0.2591



17.9953, 0.3290, 0.3284



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.



59.0890, 0.3722, 0.3271



53.3540, 0.3879, 0.3267



74.4060, 0.3647, 0.3631



17.9953, 0.3290, 0.3284



11.1205, 0.6373, 0.3284



1.0855, 0.6305, 0.3247

Inverse Universe

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



59.0890, 0.3722, 0.3271



53.3540, 0.3879, 0.3267



69.5775, 0.2684, 0.2922



17.9953, 0.3290, 0.3284



11.1205, 0.6373, 0.3284



1.0855, 0.6305, 0.3247

Previews

White Background



This preview shows how the Yxy color 59.0862, 0.3722, 0.3271 looks on a white background.

Color Contrast Check

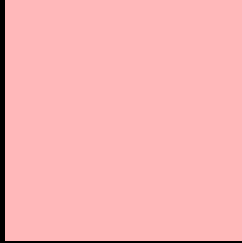
Large Text (above 18pt) WCAG AA × Fail

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 59.0862, 0.3722, 0.3271 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 59.0862, 0.3722, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 59.0862, 0.3722, 0.3271.

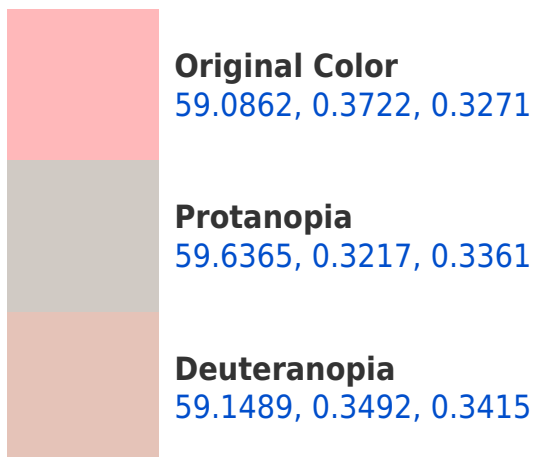


This preview shows how white text looks on a background with the Yxy color 59.0862, 0.3722, 0.3271.

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

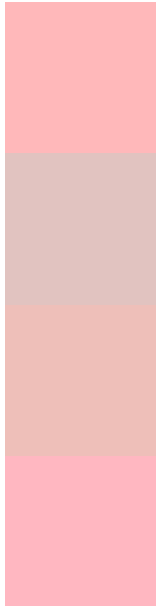




Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.0862, 0.3722, 0.3271

Protanomaly

58.8435, 0.3395, 0.3325

Deuteranomaly

58.9415, 0.3568, 0.3357

Tritanomaly

58.9772, 0.3664, 0.3187

Monochromacy



Original Color

59.0862, 0.3722, 0.3271

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.6977, 0.3328, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0862, 0.3722, 0.3271 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(255, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 186)  
}
```

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(255, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 186) }
```

Border

The CSS property to change the border of an element to Yxy 59.0862, 0.3722, 0.3271 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(255, 184, 186) }
```

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

```
.border{ border-color:rgb(255, 184, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0862, 0.3722, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 186) }
```

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

```
.background{ background-color: rgb(255,  
184, 186) }
```

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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