

Converting Colors

$Y_{xy}(62.2338, 0.3597, 0.3200)$

Have a look what the booklet for
Yxy(62.2338, 0.3597, 0.3200)
contains.

Yxy(62.2104, 0.3597, 0.3198)	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(62.2104, 0.3597, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC7
RGB	255, 190, 199
RGB Percent	100%, 75%, 78%
CMY	0.0000, 0.2549, 0.2196
CMYK	0.00, 0.25, 0.22, 0.00
HSL	352°, 100%, 87%
HSV	352°, 25%, 100%
XYZ	69.9721, 62.2104, 62.3466
YIQ	210.4610, 35.8510, 16.5790

Conversions

Conversions Part 2

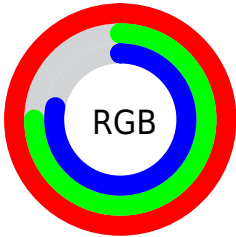
Format	Color
R _Y B	255, 190, 199
Decimal	16760519
CIE Lab	83.03, 24.64, 4.65
CIE LCh	83, 25.076, 10.696
Yxy	62.2104, 0.3597, 0.3198
Android (android.graphics.Color)	4294950599 (0xFFFFBEC7)
YUV	210.4610, -5.6503, 39.0607
Hunter-Lab	78.8736, 20.3262, 8.3450

Details

The Yxy color **62.2104, 0.3597, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.1196, 0.2797, 0.3385**, and the grayscale version is **64.7820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **31.5230, 0.3717, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **51.1618, 0.3863, 0.3160**, and if you desaturate by 10%, it is **75.3291, 0.3381, 0.3236**.

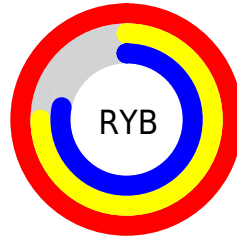
Distribution



Red (100%)

Green (75%)

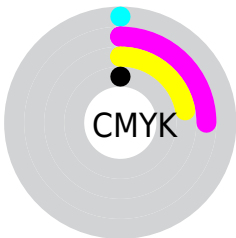
Blue (78%)



Red (100%)

Yellow (75%)

Blue (78%)

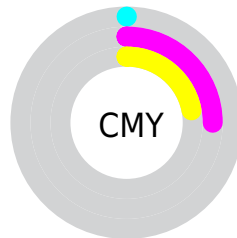


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2104, 0.3597, 0.3198 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 62.2104, 0.3597, 0.3198 by changing the saturation by 10% instead.


 62.2104, 0.3597,
0.3198

 62.2104, 0.3597,
0.3198

432.6981, 0.3372,
0.3244

 45.2027, 0.3650,
0.3186

 108.0296, 0.3517,
0.3215

 31.6171, 0.3717,
0.3172


137.6098, 0.3487,
0.3221

 21.0692, 0.3803,
0.3152


172.1498, 0.3461,
0.3227

 13.1746, 0.3919,
0.3125

212.0338, 0.3438,
0.3231

 7.5489, 0.4082,
0.3085

257.6462, 0.3419,
0.3235

 3.8077, 0.4327,
0.3021


309.3715, 0.3401,

 1.5666, 0.4735,


0.3239


0.2905


367.5940, 0.3386,
0.3242


 0.3349, 0.7114,
0.2583

 0.0000, 0.0000,
0.0000


 62.2104, 0.3597,
0.3198

 62.2104, 0.3597,
0.3198

 51.1618, 0.3863,
0.3160


 75.3291, 0.3381,
0.3236

 42.0907, 0.4187,
0.3126

 90.6315, 0.3207,
0.3271

 34.8756, 0.4570,
0.3099

100.0000, 0.3127,
0.3290

 29.3880, 0.4999,
0.3086

■ 25.4825, 0.5442,
0.3095

■ 22.9899, 0.5846,
0.3131

■ 21.7018, 0.6151,
0.3190

■ 21.3832, 0.6249,
0.3216

Harmonies

Analogous

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



62.2104, 0.3313, 0.2965



62.2104, 0.3597, 0.3198



62.2104, 0.3750, 0.3462

Triad

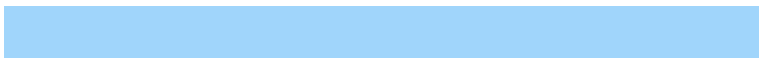
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2104, 0.3597, 0.3198



62.2104, 0.3240, 0.3832



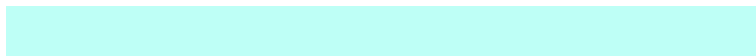
62.2104, 0.2558, 0.2854

Complementary

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



62.2104, 0.3597, 0.3198



89.1196, 0.2797, 0.3385

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.



62.2104, 0.2542, 0.3066



62.2104, 0.3597, 0.3198



62.2104, 0.2925, 0.3651

Square

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



62.2104, 0.3597, 0.3198



62.2104, 0.3535, 0.3843



62.2104, 0.2672, 0.3361



62.2104, 0.2717, 0.2767

Rectangle

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



62.2104, 0.3597, 0.3198



62.2104, 0.3754, 0.3628



62.2104, 0.2672, 0.3361



62.2104, 0.2536, 0.2912

Sweetspot

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



62.2057, 0.3597, 0.3198



86.5871, 0.3247, 0.3263



63.4998, 0.3083, 0.2639



18.0280, 0.3272, 0.3257



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.



62.2057, 0.3597, 0.3198



55.8744, 0.3737, 0.3177



72.4368, 0.3614, 0.3525



18.0280, 0.3272, 0.3257



11.1856, 0.6221, 0.3201



1.1010, 0.5962, 0.3058

Inverse Universe

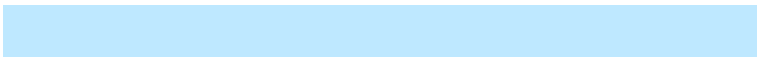
The Inverse Universe completely reimagines the original color for something new.



62.2057, 0.3597, 0.3198



55.8744, 0.3737, 0.3177



76.0179, 0.2729, 0.3042



18.0280, 0.3272, 0.3257



11.1856, 0.6221, 0.3201



1.1010, 0.5962, 0.3058

Previews

White Background



This preview shows how the Yxy color 62.2104, 0.3597, 0.3198 looks on a white background.

Color Contrast Check

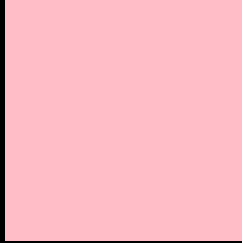
Large Text (above 18pt) WCAG AA × Fail

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 62.2104, 0.3597, 0.3198 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 62.2104, 0.3597, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 62.2104, 0.3597, 0.3198.



This preview shows how white text looks on a background with the Yxy color 62.2104, 0.3597, 0.3198.

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

62.2104, 0.3597, 0.3198

Protanopia

62.3983, 0.3143, 0.3267

Deuteranopia

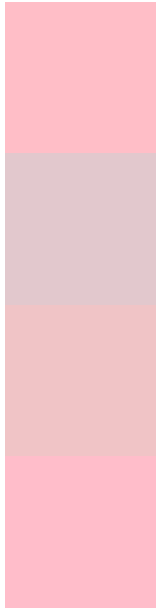
62.3287, 0.3396, 0.3324



Tritanopia

62.0148, 0.3557, 0.3136

Trichromacy



Original Color

62.2104, 0.3597, 0.3198

Protanomaly

61.8851, 0.3295, 0.3235

Deuteranomaly

62.0823, 0.3469, 0.3269

Tritanomaly

61.9195, 0.3574, 0.3157

Monochromacy



Original Color

62.2104, 0.3597, 0.3198

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3369, 0.3284, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2104, 0.3597, 0.3198 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, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 199)  
}
```

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, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.2104, 0.3597, 0.3198 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, 190, 199) }
```

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

```
.border{ border-color:rgb(255, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2104, 0.3597, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 199) }
```

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

```
.background{ background-color: rgb(255,  
190, 199) }
```

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