

Converting Colors

$Y_{xy}(62.2400, 0.3676, 0.3311)$

Have a look what the booklet for
Yxy(62.2400, 0.3676, 0.3311)
contains.

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Color

Yxy(62.1957, 0.3678, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFBD
RGB	255, 191, 189
RGB Percent	100%, 75%, 74%
CMY	0.0000, 0.2510, 0.2587
CMYK	0.00, 0.25, 0.26, 0.00
HSL	2°, 100%, 87%
HSV	2°, 26%, 100%
XYZ	69.0688, 62.1957, 56.5245
YIQ	209.9080, 38.7860, 12.9460

Conversions

Conversions Part 2

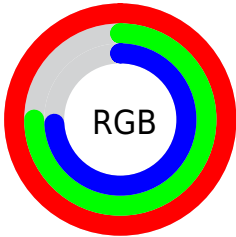
Format	Color
R _Y B	255, 191, 189
Decimal	16760765
CIE Lab	83.02, 22.72, 9.98
CIE LCh	83, 24.818, 23.712
Yxy	62.1957, 0.3678, 0.3312
Android (android.graphics.Color)	4294950845 (0xFFFFBFBD)
YUV	209.9080, -10.3076, 39.5457
Hunter-Lab	78.8643, 18.3167, 12.7100

Details

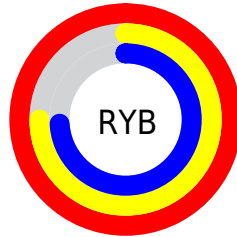
The Yxy color **62.1957, 0.3678, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3195, 0.2745, 0.3268**, and the grayscale version is **64.4311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9874, 0.3190, 0.3319**, and **31.5392, 0.3817, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **51.2846, 0.3988, 0.3321**, and if you desaturate by 10%, it is **75.1157, 0.3427, 0.3303**.

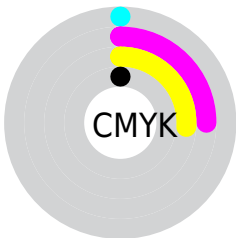
Distribution



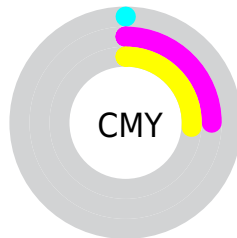
- Red (100%)
- Green (75%)
- Blue (74%)



- Red (100%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1957, 0.3678, 0.3312 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 62.1957, 0.3678, 0.3312 by changing the saturation by 10% instead.

 62.1957, 0.3678,
0.3312

 62.1957, 0.3678,
0.3312


432.6446, 0.3413,
0.3307

 45.1908, 0.3741,
0.3312


 108.0083, 0.3584,
0.3311

 31.6078, 0.3820,
0.3311


137.5849, 0.3548,
0.3311

 21.0621, 0.3922,
0.3308


172.1208, 0.3518,
0.3310

 13.1694, 0.4058,
0.3303

212.0005, 0.3491,
0.3309

 7.5453, 0.4250,
0.3291

257.6083, 0.3468,
0.3309

 3.8054, 0.4539,
0.3265


309.3287, 0.3448,

 1.5653, 0.5019,


0.3308


0.3200


367.5460, 0.3430,
0.3307


 0.3340, 0.7232,
0.2768


 0.0000, 0.0000,
0.0000


 62.1957, 0.3678,
0.3312


 62.1957, 0.3678,
0.3312

 51.2846, 0.3988,
0.3321

 75.1157, 0.3427,
0.3303

 42.2936, 0.4364,
0.3330

 90.1522, 0.3226,
0.3295

 35.1079, 0.4801,
0.3336

100.0000, 0.3127,
0.3290

 29.6054, 0.5277,
0.3339

■ 25.6493, 0.5738,
0.3336

■ 23.0812, 0.6112,
0.3327

■ 21.7088, 0.6335,
0.3313

■ 21.4243, 0.6386,
0.3311

Harmonies

Analogous

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



62.1957, 0.3444, 0.3061



62.1957, 0.3678, 0.3312



62.1957, 0.3756, 0.3570

Triad

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



62.1957, 0.3678, 0.3312



62.1957, 0.3101, 0.3768



62.1957, 0.2616, 0.2805

Complementary

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



62.1957, 0.3678, 0.3312



88.3195, 0.2745, 0.3268

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.



62.1957, 0.2536, 0.2964



62.1957, 0.3678, 0.3312



62.1957, 0.2807, 0.3530

Square

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



62.1957, 0.3678, 0.3312



62.1957, 0.3412, 0.3854



62.1957, 0.2604, 0.3228



62.1957, 0.2828, 0.2776

Rectangle

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



62.1957, 0.3678, 0.3312



62.1957, 0.3707, 0.3716



62.1957, 0.2604, 0.3228



62.1957, 0.2573, 0.2844

Sweetspot

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



62.1914, 0.3678, 0.3312



86.7695, 0.3265, 0.3296



64.8171, 0.3165, 0.2654



18.0734, 0.3294, 0.3298



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.



62.1914, 0.3678, 0.3312



56.3515, 0.3829, 0.3317



77.7717, 0.3595, 0.3639



18.0734, 0.3294, 0.3298



11.2320, 0.6380, 0.3316



1.1227, 0.6331, 0.3355

Inverse Universe

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



88.3195, 0.2745, 0.3268



86.4763, 0.2678, 0.3263



69.7105, 0.2712, 0.2914



20.3835, 0.2980, 0.3282



38.7109, 0.2221, 0.3197



3.7971, 0.2224, 0.3208

Previews

White Background



This preview shows how the Yxy color 62.1957, 0.3678, 0.3312 looks on a white background.

Color Contrast Check

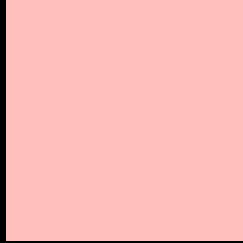
Large Text (above 18pt) WCAG AA × Fail

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 62.1957, 0.3678, 0.3312 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 62.1957, 0.3678, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 62.1957, 0.3678, 0.3312.



This preview shows how white text looks on a background with the Yxy color 62.1957, 0.3678, 0.3312.

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

62.1957, 0.3678, 0.3312

Protanopia

62.3200, 0.3245, 0.3394

Deuteranopia

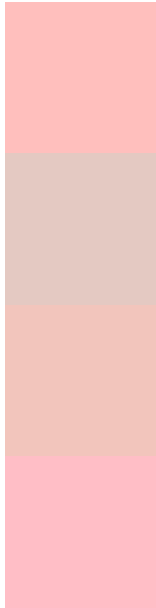
62.3888, 0.3499, 0.3435



Tritanopia

61.9670, 0.3565, 0.3146

Trichromacy



Original Color

62.1957, 0.3678, 0.3312

Protanomaly

62.1623, 0.3394, 0.3369

Deuteranomaly

62.4406, 0.3563, 0.3389

Tritanomaly

62.1641, 0.3605, 0.3208

Monochromacy



Original Color

62.1957, 0.3678, 0.3312

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.1449, 0.3314, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1957, 0.3678, 0.3312 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, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 189)  
}
```

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, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 189) }
```

Border

The CSS property to change the border of an element to Yxy 62.1957, 0.3678, 0.3312 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, 191, 189) }
```

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

```
.border{ border-color:rgb(255, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1957, 0.3678, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 189) }
```

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

```
.background{ background-color: rgb(255,  
191, 189) }
```

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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