

Converting Colors

Yxy(62.3411, 0.3611, 0.3222)

Have a look what the booklet for
Yxy(62.3411, 0.3611, 0.3222)
contains.

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Color

Yxy(62.1181, 0.3613, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC5
RGB	255, 190, 197
RGB Percent	100%, 75%, 77%
CMY	0.0001, 0.2548, 0.2275
CMYK	0.00, 0.25, 0.23, 0.00
HSL	354°, 100%, 87%
HSV	354°, 25%, 100%
XYZ	69.7212, 62.1181, 61.1339
YIQ	210.2330, 36.4930, 15.9570

Conversions

Conversions Part 2

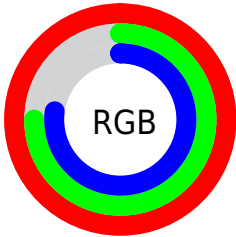
Format	Color
R_{YB}	255, 190, 197
Decimal	16760517
CIE _{Lab}	82.98, 24.31, 5.65
CIE _{LCh}	83, 24.960, 13.091
Yxy	62.1181, 0.3613, 0.3219
Android (android.graphics.Color)	4294950597 (0xFFFFBEC5)
YUV	210.2330, -6.5239, 39.2607
Hunter-Lab	78.8150, 19.9781, 9.1814

Details

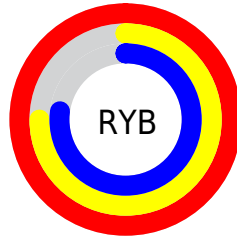
The Yxy color **62.1181, 0.3613, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2251, 0.2787, 0.3363**, and the grayscale version is **64.6360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9373, 0.3137, 0.3223**, and **31.4618, 0.3740, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **51.0581, 0.3890, 0.3190**, and if you desaturate by 10%, it is **75.2733, 0.3389, 0.3248**.

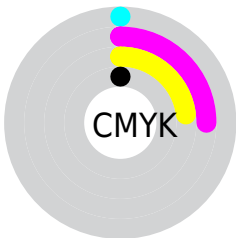
Distribution



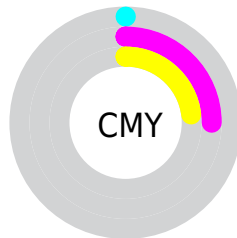
- Red (100%)
- Green (75%)
- Blue (77%)



- Red (100%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1181, 0.3613, 0.3219 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 62.1181, 0.3613, 0.3219 by changing the saturation by 10% instead.


 62.1181, 0.3613,
0.3219

 62.1181, 0.3613,
0.3219


432.3617, 0.3380,
0.3256

 45.1281, 0.3668,
0.3209


 107.8962, 0.3531,
0.3233

 31.5584, 0.3738,
0.3197


137.4531, 0.3499,
0.3238

 21.0244, 0.3827,
0.3181


171.9678, 0.3472,
0.3242

 13.1418, 0.3947,
0.3157

211.8247, 0.3449,
0.3246

 7.5263, 0.4116,
0.3122

257.4081, 0.3428,
0.3249

 3.7934, 0.4370,
0.3065

309.1025, 0.3410,

 1.5587, 0.4795,

0.3251

0.2959

367.2923, 0.3394,
0.3254

0.3295, 0.7338,
0.2662

0.0000, 0.0000,
0.0000

62.1181, 0.3613,
0.3219

62.1181, 0.3613,
0.3219

51.0581, 0.3890,
0.3190

75.2733, 0.3389,
0.3248

41.9770, 0.4227,
0.3163

90.6149, 0.3210,
0.3276

34.7603, 0.4624,
0.3143

99.9935, 0.3127,
0.3290

29.2785, 0.5067,
0.3135

■ 25.3853, 0.5520,
0.3145

■ 22.9102, 0.5922,
0.3176

■ 21.6434, 0.6212,
0.3224

■ 21.3343, 0.6300,
0.3244

Harmonies

Analogous

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



62.1181, 0.3338, 0.2982



62.1181, 0.3613, 0.3219



62.1181, 0.3753, 0.3482

Triad

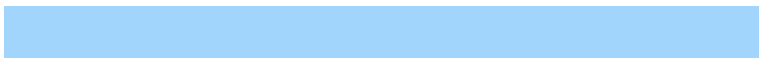
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.1181, 0.3613, 0.3219



62.1181, 0.3214, 0.3821



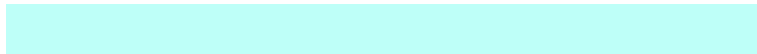
62.1181, 0.2568, 0.2844

Complementary

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



62.1181, 0.3613, 0.3219



89.2251, 0.2787, 0.3363

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.



62.1181, 0.2540, 0.3046



62.1181, 0.3613, 0.3219



62.1181, 0.2902, 0.3629

Square

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



62.1181, 0.3613, 0.3219



62.1181, 0.3513, 0.3846



62.1181, 0.2659, 0.3336



62.1181, 0.2737, 0.2768

Rectangle

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



62.1181, 0.3613, 0.3219



62.1181, 0.3746, 0.3644



62.1181, 0.2659, 0.3336



62.1181, 0.2542, 0.2899

Sweetspot

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



62.1210, 0.3613, 0.3219



86.5500, 0.3252, 0.3269



63.8993, 0.3100, 0.2642



18.0188, 0.3277, 0.3265



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.



62.1210, 0.3613, 0.3219



55.7701, 0.3759, 0.3203



73.5309, 0.3608, 0.3547



18.0188, 0.3277, 0.3265



11.1612, 0.6277, 0.3231



1.0966, 0.6054, 0.3108

Inverse Universe

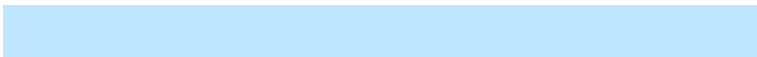
The Inverse Universe completely reimagines the original color for something new.



62.1210, 0.3613, 0.3219



55.7701, 0.3759, 0.3203



74.8008, 0.2727, 0.3018



18.0188, 0.3277, 0.3265



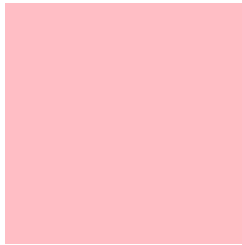
11.1612, 0.6277, 0.3231



1.0966, 0.6054, 0.3108

Previews

White Background



This preview shows how the Yxy color 62.1181, 0.3613, 0.3219 looks on a white background.

Color Contrast Check

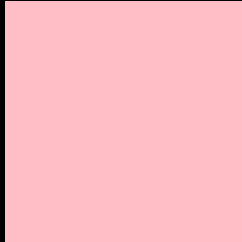
Large Text (above 18pt) WCAG AA × Fail

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 62.1181, 0.3613, 0.3219 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 62.1181, 0.3613, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 62.1181, 0.3613, 0.3219.



This preview shows how white text looks on a background with the Yxy color 62.1181, 0.3613, 0.3219.

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

62.1181, 0.3613, 0.3219

Protanopia

62.4477, 0.3165, 0.3290

Deuteranopia

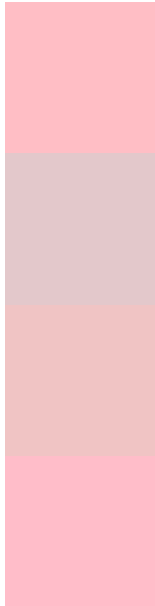
62.2376, 0.3412, 0.3346



Tritanopia

62.0148, 0.3557, 0.3136

Trichromacy



Original Color

62.1181, 0.3613, 0.3219

Protanomaly

61.9512, 0.3318, 0.3257

Deuteranomaly

61.9906, 0.3485, 0.3291

Tritanomaly

61.8722, 0.3582, 0.3167

Monochromacy



Original Color

62.1181, 0.3613, 0.3219

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.2884, 0.3292, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1181, 0.3613, 0.3219 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.1181, 0.3613, 0.3219 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, 197) }
```

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

```
.border{ border-color:rgb(255, 190, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1181, 0.3613, 0.3219 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
190, 197) }
```

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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