

Converting Colors

$Yxy(67.9027, 0.3890, 0.3216)$

Have a look what the booklet for
Yxy(67.9027, 0.3890, 0.3216)
contains.

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Color

Yxy(61.2120, 0.3626, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCC4
RGB	255, 188, 196
RGB Percent	100%, 74%, 77%
CMY	0.0000, 0.2627, 0.2313
CMYK	0.00, 0.26, 0.23, 0.00
HSL	353°, 100%, 87%
HSV	353°, 26%, 100%
XYZ	69.1879, 61.2120, 60.4106
YIQ	208.9450, 37.3640, 16.6920

Conversions

Conversions Part 2

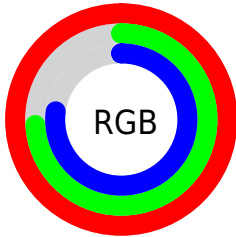
Format	Color
R _Y B	255, 188, 196
Decimal	16760004
CIE Lab	82.49, 25.24, 5.47
CIE LCh	82, 25.830, 12.233
Yxy	61.2120, 0.3626, 0.3208
Android (android.graphics.Color)	4294950084 (0xFFFFBCC4)
YUV	208.9450, -6.3819, 40.3902
Hunter-Lab	78.2381, 20.9353, 8.9866

Details

The Yxy color **61.2120, 0.3626, 0.3208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9217, 0.2781, 0.3375**, and the grayscale version is **63.7495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6567, 0.3144, 0.3213**, and **30.8735, 0.3758, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **50.3183, 0.3903, 0.3176**, and if you desaturate by 10%, it is **74.1890, 0.3402, 0.3241**.

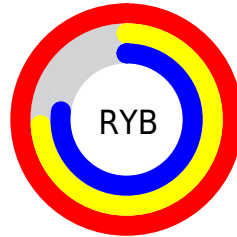
Distribution



Red (100%)

Green (74%)

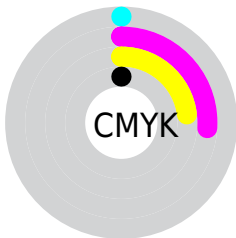
Blue (77%)



Red (100%)

Yellow (74%)

Blue (77%)

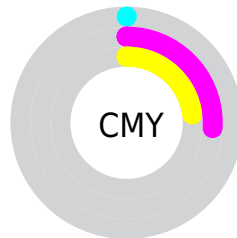


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2120, 0.3626, 0.3208 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 61.2120, 0.3626, 0.3208 by changing the saturation by 10% instead.


 61.2120, 0.3626,
0.3208

 61.2120, 0.3626,
0.3208


429.0509, 0.3386,
0.3250

 44.3963, 0.3683,
0.3197


 106.5858, 0.3541,
0.3224

 30.9822, 0.3755,
0.3183


135.9127, 0.3509,
0.3229

 20.5853, 0.3847,
0.3164


170.1788, 0.3481,
0.3234

 12.8212, 0.3971,
0.3138

209.7685, 0.3457,
0.3238

 7.3055, 0.4147,
0.3099

255.0662, 0.3436,
0.3242

 3.6539, 0.4412,
0.3035


306.4562, 0.3417,

 1.4819, 0.4856,


0.3245


0.2916


364.3230, 0.3401,
0.3248


 0.2759, 0.7611,
0.2389


 0.0000, 0.0000,
0.0000


 61.2120, 0.3626,
0.3208


 61.2120, 0.3626,
0.3208

 50.3183, 0.3903,
0.3176


 74.1890, 0.3402,
0.3241

 41.3912, 0.4240,
0.3146

 89.3409, 0.3221,
0.3272

 34.3158, 0.4636,
0.3124

99.9988, 0.3127,
0.3290

 28.9616, 0.5076,
0.3116

■ 25.1812, 0.5523,
0.3127

■ 22.8023, 0.5920,
0.3162

■ 21.6112, 0.6206,
0.3216

■ 21.3554, 0.6281,
0.3234

Harmonies

Analogous

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



61.2120, 0.3337, 0.2965



61.2120, 0.3626, 0.3208



61.2120, 0.3776, 0.3481

Triad

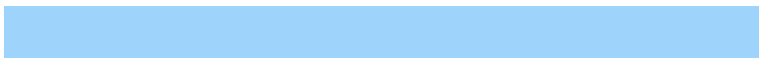
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.2120, 0.3626, 0.3208



61.2120, 0.3226, 0.3847



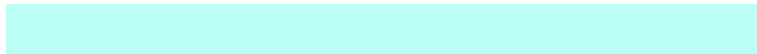
61.2120, 0.2544, 0.2831

Complementary

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



61.2120, 0.3626, 0.3208



88.9217, 0.2781, 0.3375

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.



61.2120, 0.2519, 0.3043



61.2120, 0.3626, 0.3208



61.2120, 0.2901, 0.3651

Square

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



61.2120, 0.3626, 0.3208



61.2120, 0.3535, 0.3867



61.2120, 0.2646, 0.3346



61.2120, 0.2715, 0.2749

Rectangle

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



61.2120, 0.3626, 0.3208



61.2120, 0.3773, 0.3651



61.2120, 0.2646, 0.3346



61.2120, 0.2518, 0.2888

Sweetspot

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



61.2148, 0.3626, 0.3208



86.5648, 0.3250, 0.3266



62.7928, 0.3090, 0.2620



18.0225, 0.3275, 0.3262



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.



61.2148, 0.3626, 0.3208



54.7270, 0.3778, 0.3189



72.2615, 0.3629, 0.3544



18.0225, 0.3275, 0.3262



11.1703, 0.6256, 0.3220



1.0984, 0.6016, 0.3088

Inverse Universe

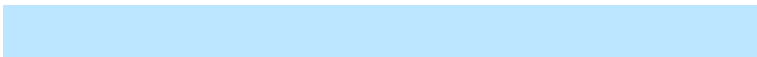
The Inverse Universe completely reimagines the original color for something new.



61.2148, 0.3626, 0.3208



54.7270, 0.3778, 0.3189



74.7459, 0.2716, 0.3021



18.0225, 0.3275, 0.3262



11.1703, 0.6256, 0.3220



1.0984, 0.6016, 0.3088

Previews

White Background



This preview shows how the Yxy color 61.2120, 0.3626, 0.3208 looks on a white background.

Color Contrast Check

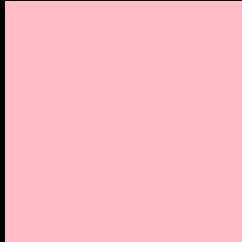
Large Text (above 18pt) WCAG AA × Fail

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 61.2120, 0.3626, 0.3208 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 61.2120, 0.3626, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 61.2120, 0.3626, 0.3208.



This preview shows how white text looks on a background with the Yxy color 61.2120, 0.3626, 0.3208.

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

61.2120, 0.3626, 0.3208

Protanopia

61.6257, 0.3158, 0.3290

Deuteranopia

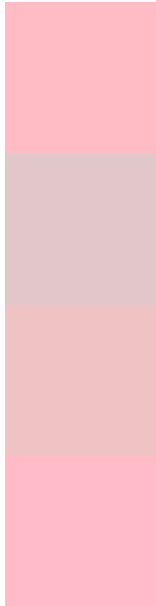
61.5649, 0.3413, 0.3346



Tritanopia

61.0649, 0.3578, 0.3136

Trichromacy



Original Color

61.2120, 0.3626, 0.3208

Protanomaly

61.2799, 0.3319, 0.3257

Deuteranomaly

61.3211, 0.3486, 0.3291

Tritanomaly

60.9708, 0.3595, 0.3157

Monochromacy



Original Color

61.2120, 0.3626, 0.3208

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.3017, 0.3302, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2120, 0.3626, 0.3208 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, 188, 196)` looks like.

```
.text, #text, p{  
  color:rgb(255, 188, 196)  
}
```

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, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 196) }
```

Border

The CSS property to change the border of an element to Yxy 61.2120, 0.3626, 0.3208 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, 188, 196) }
```

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

```
.border{ border-color:rgb(255, 188, 196) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2120, 0.3626, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 196) }
```

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

```
.background{ background-color: rgb(255,  
188, 196) }
```

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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