

Converting Colors

Yxy(60.2864, 0.3657, 0.3221)

Have a look what the booklet for
Yxy(60.2864, 0.3657, 0.3221)
contains.

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Color

Yxy(60.2281, 0.3657, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC1
RGB	255, 186, 193
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2706, 0.2433
CMYK	0.00, 0.27, 0.24, 0.00
HSL	354°, 100%, 86%
HSV	354°, 27%, 100%
XYZ	68.4232, 60.2281, 58.4506
YIQ	207.4290, 38.8770, 16.8050

Conversions

Conversions Part 2

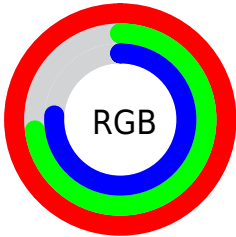
Format	Color
R _Y B	255, 186, 193
Decimal	16759489
CIE Lab	81.96, 25.87, 6.36
CIE LCh	82, 26.636, 13.803
Yxy	60.2281, 0.3657, 0.3219
Android (android.graphics.Color)	4294949569 (0xFFFFBAC1)
YUV	207.4290, -7.1135, 41.7198
Hunter-Lab	77.6068, 21.5654, 9.6696

Details

The Yxy color **60.2281, 0.3657, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7399, 0.2766, 0.3364**, and the grayscale version is **62.7154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6038, 0.3169, 0.3223**, and **30.2663, 0.3789, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **49.4816, 0.3945, 0.3192**, and if you desaturate by 10%, it is **73.0534, 0.3424, 0.3246**.

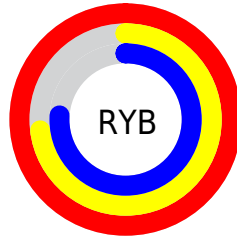
Distribution



Red (100%)

Green (73%)

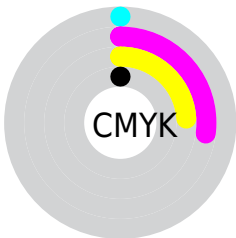
Blue (76%)



Red (100%)

Yellow (73%)

Blue (76%)

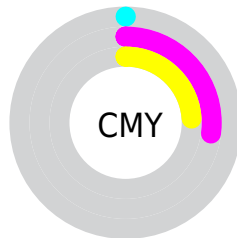


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2281, 0.3657, 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 60.2281, 0.3657, 0.3219 by changing the saturation by 10% instead.


 60.2281, 0.3657,
0.3219

 60.2281, 0.3657,
0.3219


425.4380, 0.3402,
0.3257

 43.6025, 0.3718,
0.3209


 105.1605, 0.3566,
0.3233

 30.3581, 0.3795,
0.3196


134.2361, 0.3532,
0.3238

 20.1106, 0.3894,
0.3178


168.2305, 0.3502,
0.3243

 12.4755, 0.4028,
0.3153

207.5280, 0.3476,
0.3246

 7.0684, 0.4217,
0.3115

252.5132, 0.3454,
0.3250

 3.5049, 0.4504,
0.3051

303.5703, 0.3435,

 1.4007, 0.4986,

0.3252

0.2928

361.0838, 0.3417,
0.3255

0.2172, 0.7941,
0.2059

0.0000, 0.0000,
0.0000

60.2281, 0.3657,
0.3219

60.2281, 0.3657,
0.3219

49.4816, 0.3945,
0.3192

73.0534, 0.3424,
0.3246

40.7000, 0.4295,
0.3168

88.0541, 0.3236,
0.3273

33.7657, 0.4704,
0.3151

100.0000, 0.3127,
0.3290

28.5464, 0.5154,
0.3146

■ 24.8923, 0.5604,
0.3159

■ 22.6278, 0.5992,
0.3191

■ 21.5298, 0.6256,
0.3238

■ 21.3333, 0.6310,
0.3249

Harmonies

Analogous

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



60.2281, 0.3362, 0.2965



60.2281, 0.3657, 0.3219



60.2281, 0.3803, 0.3501

Triad

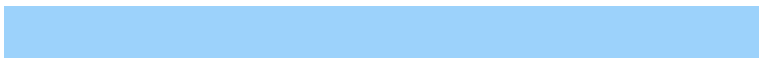
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.2281, 0.3657, 0.3219



60.2281, 0.3211, 0.3862



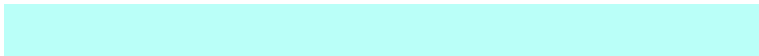
60.2281, 0.2529, 0.2806

Complementary

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



60.2281, 0.3657, 0.3219



88.7399, 0.2766, 0.3364

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.



60.2281, 0.2495, 0.3019



60.2281, 0.3657, 0.3219



60.2281, 0.2877, 0.3650

Square

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



60.2281, 0.3657, 0.3219



60.2281, 0.3535, 0.3892



60.2281, 0.2619, 0.3330



60.2281, 0.2713, 0.2730

Rectangle

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



60.2281, 0.3657, 0.3219



60.2281, 0.3793, 0.3675



60.2281, 0.2619, 0.3330



60.2281, 0.2500, 0.2863

Sweetspot

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



60.2296, 0.3657, 0.3219



86.5423, 0.3252, 0.3270



62.1061, 0.3097, 0.2601



18.0168, 0.3278, 0.3266



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.



60.2296, 0.3657, 0.3219



54.6629, 0.3792, 0.3206



72.1200, 0.3645, 0.3564



18.0168, 0.3278, 0.3266



11.1568, 0.6287, 0.3237



1.0957, 0.6073, 0.3119

Inverse Universe

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



60.2296, 0.3657, 0.3219



54.6629, 0.3792, 0.3206



73.4515, 0.2703, 0.2999



18.0168, 0.3278, 0.3266



11.1568, 0.6287, 0.3237



1.0957, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 60.2281, 0.3657, 0.3219 looks on a white background.

Color Contrast Check

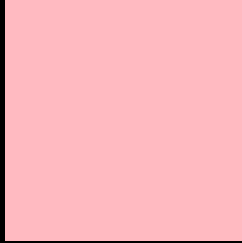
Large Text (above 18pt) WCAG AA × Fail

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 60.2281, 0.3657, 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 60.2281, 0.3657, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 60.2281, 0.3657, 0.3219.

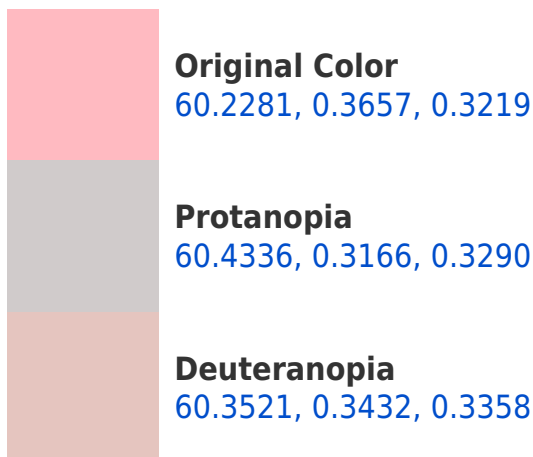


This preview shows how white text looks on a background with the Yxy color 60.2281, 0.3657, 0.3219.

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

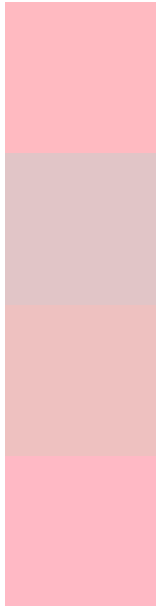




Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

60.2281, 0.3657, 0.3219

Protanomaly

60.0636, 0.3337, 0.3268

Deuteranomaly

60.1228, 0.3506, 0.3302

Tritanomaly

59.9891, 0.3625, 0.3167

Monochromacy



Original Color

60.2281, 0.3657, 0.3219

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

60.9584, 0.3303, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2281, 0.3657, 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, 186, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 193)  
}
```

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, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 193) }
```

Border

The CSS property to change the border of an element to Yxy 60.2281, 0.3657, 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, 186, 193) }
```

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

```
.border{ border-color:rgb(255, 186, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2281, 0.3657, 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, 186, 193) }
```

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

```
.background{ background-color: rgb(255,  
186, 193) }
```

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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