

Converting Colors

$Yxy(61.3005, 0.3665, 0.3265)$

Have a look what the booklet for
Yxy(61.3005, 0.3665, 0.3265)
contains.

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Color

Yxy(61.4168, 0.3666, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDBF
RGB	255, 189, 191
RGB Percent	100%, 74%, 75%
CMY	0.0001, 0.2587, 0.2510
CMYK	0.00, 0.26, 0.25, 0.00
HSL	358°, 100%, 87%
HSV	358°, 26%, 100%
XYZ	68.8334, 61.4168, 57.5114
YIQ	208.9620, 38.6940, 14.6140

Conversions

Conversions Part 2

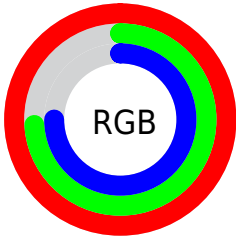
Format	Color
R _Y B	255, 189, 191
Decimal	16760255
CIE Lab	82.60, 24.00, 8.33
CIE LCh	83, 25.407, 19.150
Yxy	61.4168, 0.3666, 0.3271
Android (android.graphics.Color)	4294950335 (0xFFFFBDBF)
YUV	208.9620, -8.8553, 40.3753
Hunter-Lab	78.3689, 19.6356, 11.3480

Details

The Yxy color **61.4168, 0.3666, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.4163, 0.2757, 0.3310**, and the grayscale version is **63.7751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8869, 0.3179, 0.3281**, and **31.0332, 0.3801, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **50.3977, 0.3971, 0.3264**, and if you desaturate by 10%, it is **74.5537, 0.3420, 0.3279**.

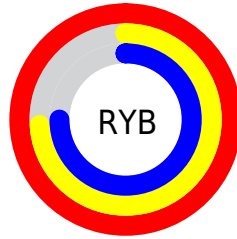
Distribution



Red (100%)

Green (74%)

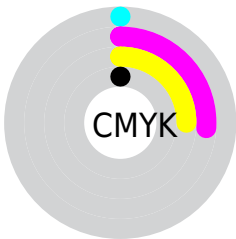
Blue (75%)



Red (100%)

Yellow (74%)

Blue (75%)

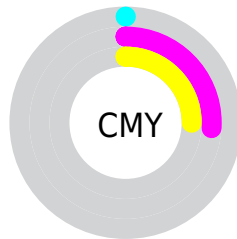


Cyan (0%)

Magenta (26%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4168, 0.3666, 0.3271 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 61.4168, 0.3666, 0.3271 by changing the saturation by 10% instead.


 61.4168, 0.3666,
0.3271

 61.4168, 0.3666,
0.3271


429.8006, 0.3407,
0.3285

 44.5616, 0.3728,
0.3267


 106.8822, 0.3574,
0.3277

 31.1123, 0.3805,
0.3260


136.2612, 0.3539,
0.3279

 20.6844, 0.3905,
0.3251


170.5836, 0.3509,
0.3280

 12.8935, 0.4040,
0.3237

210.2338, 0.3483,
0.3282

 7.3552, 0.4230,
0.3214

255.5963, 0.3460,
0.3283

 3.6852, 0.4516,
0.3172


307.0552, 0.3440,

 1.4991, 0.4994,

0.3283

0.3081

364.9952, 0.3423,
0.3284


 0.2881, 0.7490,
0.2510


 0.0000, 0.0000,
0.0000


 61.4168, 0.3666,
0.3271


 61.4168, 0.3666,
0.3271

 50.3977, 0.3971,
0.3264


 74.5537, 0.3420,
0.3279

 41.3776, 0.4343,
0.3257

 89.9021, 0.3223,
0.3286

 34.2394, 0.4778,
0.3253

99.9950, 0.3127,
0.3290

 28.8498, 0.5252,
0.3253

■ 25.0587, 0.5716,
0.3259

■ 22.6902, 0.6096,
0.3271

■ 21.5270, 0.6327,
0.3286

■ 21.2717, 0.6380,
0.3288

Harmonies

Analogous

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



61.4168, 0.3406, 0.3020



61.4168, 0.3666, 0.3271



61.4168, 0.3773, 0.3538

Triad

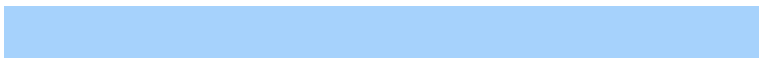
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.4168, 0.3666, 0.3271



61.4168, 0.3149, 0.3807



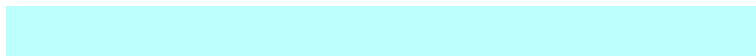
61.4168, 0.2580, 0.2808

Complementary

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



61.4168, 0.3666, 0.3271



89.4163, 0.2757, 0.3310

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.



61.4168, 0.2521, 0.2990



61.4168, 0.3666, 0.3271



61.4168, 0.2839, 0.3581

Square

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



61.4168, 0.3666, 0.3271



61.4168, 0.3464, 0.3868



61.4168, 0.2613, 0.3273



61.4168, 0.2779, 0.2758

Rectangle

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



61.4168, 0.3666, 0.3271



61.4168, 0.3742, 0.3696



61.4168, 0.2613, 0.3273



61.4168, 0.2544, 0.2855

Sweetspot

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



61.4197, 0.3666, 0.3271



86.4582, 0.3262, 0.3284



64.4622, 0.3141, 0.2641



17.9959, 0.3290, 0.3283



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.



61.4197, 0.3666, 0.3271



55.5181, 0.3815, 0.3267



76.0103, 0.3603, 0.3606



17.9959, 0.3290, 0.3283



11.1213, 0.6371, 0.3283



1.0858, 0.6299, 0.3244

Inverse Universe

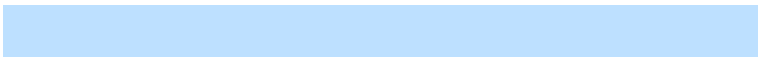
The Inverse Universe completely reimagines the original color for something new.



61.4197, 0.3666, 0.3271



55.5181, 0.3815, 0.3267



71.4557, 0.2715, 0.2951



17.9959, 0.3290, 0.3283



11.1213, 0.6371, 0.3283



1.0858, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 61.4168, 0.3666, 0.3271 looks on a white background.

Color Contrast Check

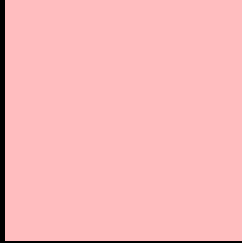
Large Text (above 18pt) WCAG AA × Fail

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 61.4168, 0.3666, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

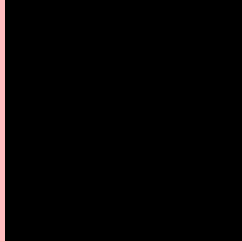
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4168, 0.3666, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 61.4168, 0.3666, 0.3271.



This preview shows how white text looks on a background with the Yxy color 61.4168, 0.3666, 0.3271.

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

61.4168, 0.3666, 0.3271

Protanopia

61.6817, 0.3209, 0.3348

Deuteranopia

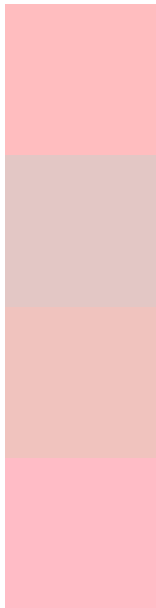
61.6768, 0.3469, 0.3402



Tritanopia

61.4907, 0.3576, 0.3146

Trichromacy



Original Color

61.4168, 0.3666, 0.3271

Protanomaly

61.2090, 0.3366, 0.3313

Deuteranomaly

61.2732, 0.3535, 0.3346

Tritanomaly

61.3037, 0.3609, 0.3188

Monochromacy



Original Color

61.4168, 0.3666, 0.3271

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6741, 0.3315, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4168, 0.3666, 0.3271 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, 189, 191)` looks like.

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

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, 189, 191) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 61.4168, 0.3666, 0.3271 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, 189, 191) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 61.4168, 0.3666, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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