

Converting Colors

Yxy(69.2581, 0.3862, 0.3268)

Have a look what the booklet for
Yxy(69.2581, 0.3862, 0.3268)
contains.

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Color

Yxy(63.3401, 0.3623, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1C3
RGB	255, 193, 195
RGB Percent	100%, 76%, 76%
CMY	0.0000, 0.2431, 0.2354
CMYK	0.00, 0.24, 0.24, 0.00
HSL	358°, 100%, 88%
HSV	358°, 24%, 100%
XYZ	70.1563, 63.3401, 60.1450
YIQ	211.7660, 36.3100, 13.7660

Conversions

Conversions Part 2

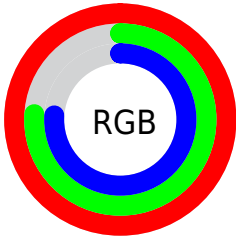
Format	Color
R _Y B	255, 193, 195
Decimal	16761283
CIE Lab	83.62, 22.47, 7.66
CIE LCh	84, 23.738, 18.825
Yxy	63.3401, 0.3623, 0.3271
Android (android.graphics.Color)	4294951363 (0xFFFFC1C3)
YUV	211.7660, -8.2656, 37.9162
Hunter-Lab	79.5865, 18.0731, 10.9040

Details

The Yxy color **63.3401, 0.3623, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.9480, 0.2778, 0.3310**, and the grayscale version is **65.7135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6595, 0.3147, 0.3271**, and **32.2586, 0.3752, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **51.9975, 0.3918, 0.3263**, and if you desaturate by 10%, it is **76.8168, 0.3386, 0.3279**.

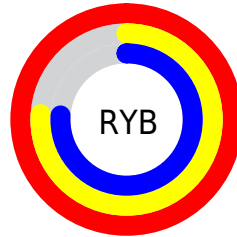
Distribution



Red (100%)

Green (76%)

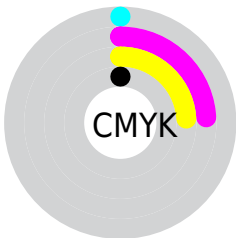
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

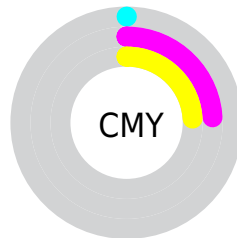


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3401, 0.3623, 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 63.3401, 0.3623, 0.3271 by changing the saturation by 10% instead.

 63.3401, 0.3623,
0.3271

 63.3401, 0.3623,
0.3271


436.8027, 0.3386,
0.3284

 46.1164, 0.3679,
0.3267


 109.6600, 0.3539,
0.3276

 32.3377, 0.3749,
0.3261


139.5250, 0.3507,
0.3278

 21.6196, 0.3840,
0.3253


174.3726, 0.3480,
0.3280

 13.5776, 0.3961,
0.3241

214.5871, 0.3456,
0.3281

 7.8275, 0.4132,
0.3221

260.5530, 0.3435,
0.3282

 3.9848, 0.4387,
0.3186


312.6547, 0.3417,

 1.6650, 0.4809,


0.3283


0.3111

371.2764, 0.3400,
0.3283


 0.4009, 0.6994,
0.3006

 0.0000, 0.0000,
0.0000


 63.3401, 0.3623,
0.3271


 63.3401, 0.3623,
0.3271

 51.9975, 0.3918,
0.3263


 76.8168, 0.3386,
0.3279

 42.6715, 0.4278,
0.3256

 92.5198, 0.3196,
0.3287

 35.2465, 0.4703,
0.3251

99.9987, 0.3127,
0.3290

 29.5919, 0.5174,
0.3250

■ 25.5605, 0.5643,
0.3255

■ 22.9813, 0.6042,
0.3266

■ 21.6453, 0.6300,
0.3282

■ 21.2764, 0.6378,
0.3287

Harmonies

Analogous

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



63.3401, 0.3383, 0.3037



63.3401, 0.3623, 0.3271



63.3401, 0.3724, 0.3520

Triad

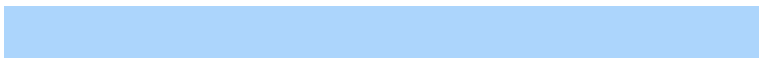
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3401, 0.3623, 0.3271



63.3401, 0.3152, 0.3767



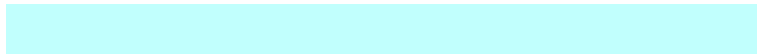
63.3401, 0.2618, 0.2845

Complementary

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



63.3401, 0.3623, 0.3271



89.9480, 0.2778, 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.



63.3401, 0.2565, 0.3016



63.3401, 0.3623, 0.3271



63.3401, 0.2864, 0.3562

Square

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



63.3401, 0.3623, 0.3271



63.3401, 0.3443, 0.3823



63.3401, 0.2652, 0.3279



63.3401, 0.2802, 0.2796

Rectangle

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



63.3401, 0.3623, 0.3271



63.3401, 0.3697, 0.3665



63.3401, 0.2652, 0.3279



63.3401, 0.2585, 0.2889

Sweetspot

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



63.3430, 0.3623, 0.3271



88.0717, 0.3243, 0.3285



66.2336, 0.3140, 0.2680



18.6422, 0.3254, 0.3284



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.



63.3430, 0.3623, 0.3271



57.7636, 0.3754, 0.3267



77.3182, 0.3570, 0.3586



17.9964, 0.3290, 0.3283



11.1221, 0.6369, 0.3282



1.0861, 0.6293, 0.3240

Inverse Universe

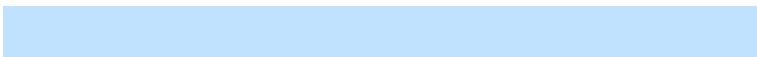
The Inverse Universe completely reimagines the original color for something new.



63.3430, 0.3623, 0.3271



57.7636, 0.3754, 0.3267



72.9885, 0.2741, 0.2974



17.9964, 0.3290, 0.3283



11.1221, 0.6369, 0.3282



1.0861, 0.6293, 0.3240

Previews

White Background



This preview shows how the Yxy color 63.3401, 0.3623, 0.3271 looks on a white background.

Color Contrast Check

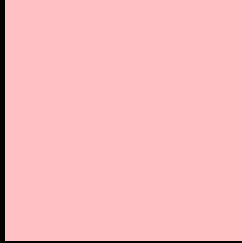
Large Text (above 18pt) WCAG AA × Fail

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 63.3401, 0.3623, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

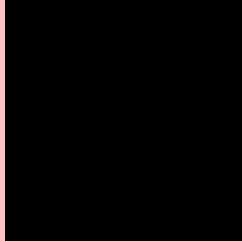
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3401, 0.3623, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 63.3401, 0.3623, 0.3271.



This preview shows how white text looks on a background with the Yxy color 63.3401, 0.3623, 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

63.3401, 0.3623, 0.3271

Protanopia

63.7197, 0.3208, 0.3347

Deuteranopia

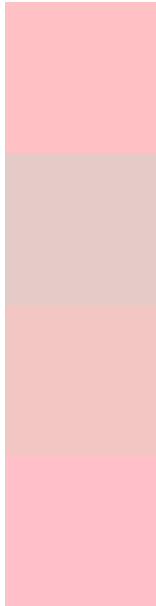
63.2857, 0.3458, 0.3379



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.3401, 0.3623, 0.3271

Protanomaly

63.5400, 0.3353, 0.3324

Deuteranomaly

63.1605, 0.3513, 0.3334

Tritanomaly

63.2235, 0.3567, 0.3188

Monochromacy



Original Color

63.3401, 0.3623, 0.3271

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.6129, 0.3297, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3401, 0.3623, 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, 193, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 195)  
}
```

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, 193, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 195) }
```

Border

The CSS property to change the border of an element to Yxy 63.3401, 0.3623, 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, 193, 195) }
```

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

```
.border{ border-color:rgb(255, 193, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3401, 0.3623, 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, 193, 195) }
```

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

```
.background{ background-color: rgb(255,  
193, 195) }
```

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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