

Converting Colors

Yxy(69.7519, 0.4077, 0.3279)

Have a look what the booklet for
Yxy(69.7519, 0.4077, 0.3279)
contains.

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Color

Yxy(60.0087, 0.3700, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFBABC
RGB	255, 186, 188
RGB Percent	100%, 73%, 74%
CMY	0.0000, 0.2706, 0.2628
CMYK	0.00, 0.27, 0.26, 0.00
HSL	358°, 100%, 86%
HSV	358°, 27%, 100%
XYZ	67.8790, 60.0087, 55.5690
YIQ	206.8590, 40.4820, 15.2500

Conversions

Conversions Part 2

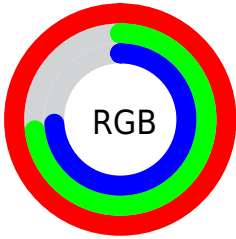
Format	Color
R _Y B	255, 186, 188
Decimal	16759484
CIE Lab	81.84, 25.19, 8.87
CIE LCh	82, 26.704, 19.391
Yxy	60.0087, 0.3700, 0.3271
Android (android.graphics.Color)	4294949564 (0xFFFFBABC)
YUV	206.8590, -9.2975, 42.2197
Hunter-Lab	77.4653, 20.8465, 11.6945

Details

The Yxy color **60.0087, 0.3700, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0525, 0.2741, 0.3310**, and the grayscale version is **62.3405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2959, 0.3200, 0.3271**, and **30.1221, 0.3849, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **49.2274, 0.4013, 0.3264**, and if you desaturate by 10%, it is **72.8890, 0.3447, 0.3278**.

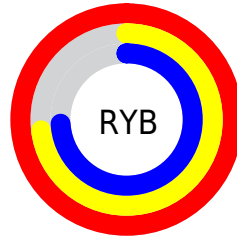
Distribution



Red (100%)

Green (73%)

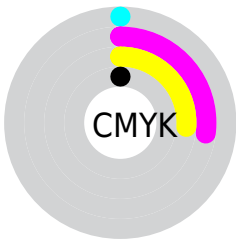
Blue (74%)



Red (100%)

Yellow (73%)

Blue (74%)

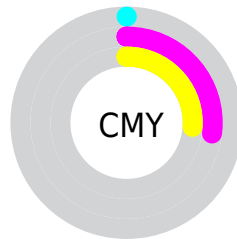


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0087, 0.3700, 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 60.0087, 0.3700, 0.3271 by changing the saturation by 10% instead.


 60.0087, 0.3700,
0.3271

 60.0087, 0.3700,
0.3271

424.6298, 0.3423,
0.3285

 43.4256, 0.3766,
0.3266

 104.8423, 0.3602,
0.3277

 30.2192, 0.3849,
0.3259


133.8616, 0.3564,
0.3279

 20.0050, 0.3957,
0.3250


167.7952, 0.3532,
0.3281

 12.3987, 0.4103,
0.3234

207.0273, 0.3504,
0.3282

 7.0158, 0.4309,
0.3208

251.9424, 0.3480,
0.3283

 3.4720, 0.4620,
0.3160


302.9250, 0.3459,

 1.3828, 0.5152,

0.3284

0.3061


360.3593, 0.3440,
0.3285


 0.2040, 0.7986,
0.2014


 0.0000, 0.0000,
0.0000

 60.0087, 0.3700,
0.3271


 60.0087, 0.3700,
0.3271

 49.2274, 0.4013,
0.3264


 72.8890, 0.3447,
0.3278

 40.4359, 0.4393,
0.3258

 87.9734, 0.3245,
0.3285

 33.5118, 0.4835,
0.3255

100.0000, 0.3127,
0.3290

 28.3204, 0.5312,
0.3256

■ 24.7085, 0.5770,
0.3262

■ 22.4967, 0.6134,
0.3273

■ 21.4562, 0.6345,
0.3288

■ 21.2760, 0.6381,
0.3289

Harmonies

Analogous

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



60.0087, 0.3425, 0.3007



60.0087, 0.3700, 0.3271



60.0087, 0.3812, 0.3553

Triad

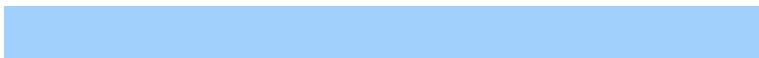
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.0087, 0.3700, 0.3271



60.0087, 0.3147, 0.3838



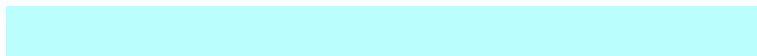
60.0087, 0.2550, 0.2779

Complementary

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



60.0087, 0.3700, 0.3271



89.0525, 0.2741, 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.



60.0087, 0.2487, 0.2969



60.0087, 0.3700, 0.3271



60.0087, 0.2819, 0.3597

Square

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



60.0087, 0.3700, 0.3271



60.0087, 0.3481, 0.3903



60.0087, 0.2582, 0.3268



60.0087, 0.2761, 0.2729

Rectangle

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



60.0087, 0.3700, 0.3271



60.0087, 0.3777, 0.3720



60.0087, 0.2582, 0.3268



60.0087, 0.2512, 0.2828

Sweetspot

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



60.0080, 0.3700, 0.3271



86.4567, 0.3262, 0.3285



63.1645, 0.3141, 0.2610



17.9955, 0.3290, 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.



60.0080, 0.3700, 0.3271



54.4250, 0.3847, 0.3268



75.0520, 0.3630, 0.3621



17.9955, 0.3290, 0.3284



11.1208, 0.6372, 0.3284



1.0856, 0.6303, 0.3246

Inverse Universe

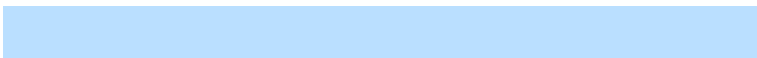
The Inverse Universe completely reimagines the original color for something new.



60.0080, 0.3700, 0.3271



54.4250, 0.3847, 0.3268



70.3279, 0.2696, 0.2934



17.9955, 0.3290, 0.3284



11.1208, 0.6372, 0.3284



1.0856, 0.6303, 0.3246

Previews

White Background



This preview shows how the Yxy color 60.0087, 0.3700, 0.3271 looks on a white background.

Color Contrast Check

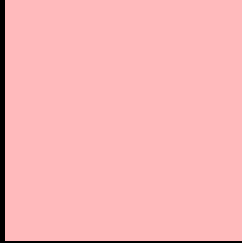
Large Text (above 18pt) WCAG AA × Fail

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 60.0087, 0.3700, 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 60.0087, 0.3700, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 60.0087, 0.3700, 0.3271.



This preview shows how white text looks on a background with the Yxy color 60.0087, 0.3700, 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

60.0087, 0.3700, 0.3271

Protanopia

60.2984, 0.3217, 0.3360

Deuteranopia

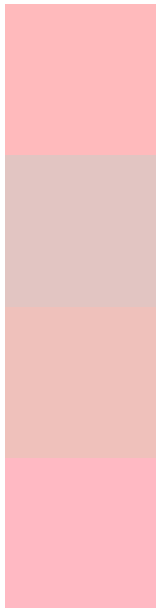
60.3007, 0.3480, 0.3414



Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

60.0087, 0.3700, 0.3271

Protanomaly

59.9963, 0.3384, 0.3325

Deuteranomaly

60.0785, 0.3556, 0.3357

Tritanomaly

59.8981, 0.3642, 0.3187

Monochromacy



Original Color

60.0087, 0.3700, 0.3271

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

60.8643, 0.3318, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0087, 0.3700, 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, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.0087, 0.3700, 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, 186, 188) }
```

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

```
.border{ border-color:rgb(255, 186, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0087, 0.3700, 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, 186, 188) }
```

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

```
.background{ background-color: rgb(255,  
186, 188) }
```

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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