

Converting Colors

$Y_{xy}(71.1299, 0.4064, 0.3255)$

Have a look what the booklet for
Yxy(71.1299, 0.4064, 0.3255)
contains.

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Color

Yxy(60.5622, 0.3671, 0.3250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFBBBB |
| RGB | 255, 187, 191 |
| RGB Percent | 100%, 73%, 75% |
| CMY | 0.0001, 0.2666, 0.2510 |
| CMYK | 0.00, 0.27, 0.25, 0.00 |
| HSL | 356°, 100%, 87% |
| HSV | 356°, 27%, 100% |
| XYZ | 68.4073, 60.5622, 57.3757 |
| YIQ | 207.7880, 39.2440, 15.6600 |

Conversions

Conversions Part 2

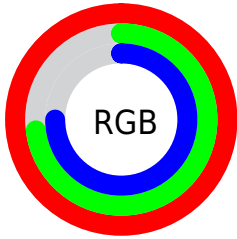
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 187, 191 |
| Decimal | 16759743 |
| CIE Lab | 82.14, 25.05, 7.67 |
| CIE LCh | 82, 26.201, 17.021 |
| Yxy | 60.5622, 0.3671, 0.3250 |
| Android (android.graphics.Color) | 4294949823 (0xFFFFBBBF) |
| YUV | 207.7880, -8.2765, 41.4049 |
| Hunter-Lab | 77.8217, 20.7182, 10.7624 |

Details

The Yxy color **60.5622, 0.3671, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0349, 0.2756, 0.3331**, and the grayscale version is **62.9688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6768, 0.3180, 0.3261**, and **30.4804, 0.3809, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **49.7172, 0.3972, 0.3235**, and if you desaturate by 10%, it is **73.5066, 0.3428, 0.3266**.

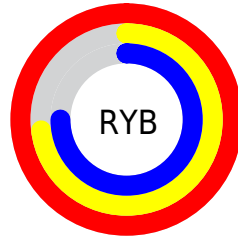
Distribution



Red (100%)

Green (73%)

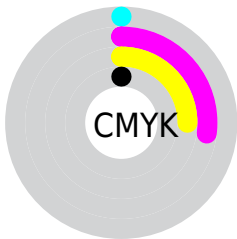
Blue (75%)



Red (100%)

Yellow (73%)

Blue (75%)

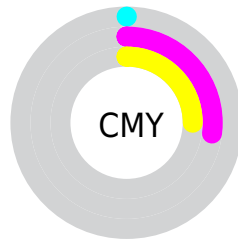


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5622, 0.3671, 0.3250 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 60.5622, 0.3671, 0.3250 by changing the saturation by 10% instead.


 60.5622, 0.3671,
0.3250

 60.5622, 0.3671,
0.3250


426.6669, 0.3409,
0.3274

 43.8719, 0.3734,
0.3243


 105.6448, 0.3578,
0.3259

 30.5698, 0.3812,
0.3234

134.8059, 0.3542,
0.3263

 20.2715, 0.3914,
0.3221


168.8927, 0.3512,
0.3265

 12.5926, 0.4051,
0.3203

208.2897, 0.3486,
0.3267

 7.1486, 0.4245,
0.3173

253.3813, 0.3463,
0.3269

 3.5552, 0.4538,
0.3120

304.5517, 0.3443,

 1.4280, 0.5030,


0.3271

0.3013


362.1855, 0.3425,
0.3272


 0.2372, 0.7792,
0.2208


 0.0000, 0.0000,
0.0000


 60.5622, 0.3671,
0.3250


 60.5622, 0.3671,
0.3250

 49.7172, 0.3972,
0.3235

 73.5066, 0.3428,
0.3266

 40.8530, 0.4336,
0.3221

 88.6439, 0.3234,
0.3281

 33.8526, 0.4763,
0.3212

99.9951, 0.3127,
0.3290

 28.5827, 0.5229,
0.3211

■ 24.8927, 0.5687,
0.3220

■ 22.6062, 0.6067,
0.3241

■ 21.5022, 0.6308,
0.3270

■ 21.2895, 0.6358,
0.3276

Harmonies

Analogous

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



60.5622, 0.3393, 0.2994



60.5622, 0.3671, 0.3250



60.5622, 0.3795, 0.3527

Triad

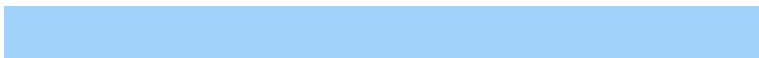
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.5622, 0.3671, 0.3250



60.5622, 0.3173, 0.3837



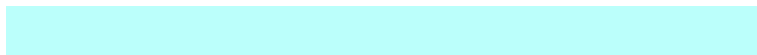
60.5622, 0.2552, 0.2800

Complementary

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



60.5622, 0.3671, 0.3250



89.0349, 0.2756, 0.3331

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.



60.5622, 0.2502, 0.2996



60.5622, 0.3671, 0.3250



60.5622, 0.2849, 0.3613

Square

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



60.5622, 0.3671, 0.3250



60.5622, 0.3497, 0.3887



60.5622, 0.2608, 0.3295



60.5622, 0.2748, 0.2739

Rectangle

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



60.5622, 0.3671, 0.3250



60.5622, 0.3771, 0.3693



60.5622, 0.2608, 0.3295



60.5622, 0.2518, 0.2851

Sweetspot

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



60.5650, 0.3671, 0.3250



86.4922, 0.3258, 0.3279



63.1726, 0.3124, 0.2617



18.0043, 0.3285, 0.3276



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.



60.5650, 0.3671, 0.3250



54.5226, 0.3824, 0.3242



74.1944, 0.3627, 0.3593



18.0043, 0.3285, 0.3276



11.1335, 0.6342, 0.3267



1.0898, 0.6205, 0.3192

Inverse Universe

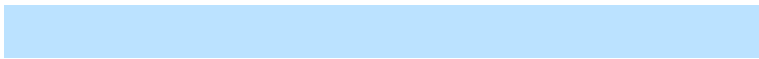
The Inverse Universe completely reimagines the original color for something new.



60.5650, 0.3671, 0.3250



54.5226, 0.3824, 0.3242



71.9209, 0.2705, 0.2965



18.0043, 0.3285, 0.3276



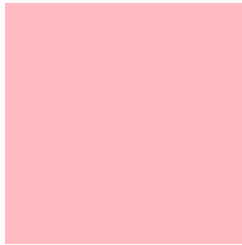
11.1335, 0.6342, 0.3267



1.0898, 0.6205, 0.3192

Previews

White Background



This preview shows how the Yxy color 60.5622, 0.3671, 0.3250 looks on a white background.

Color Contrast Check

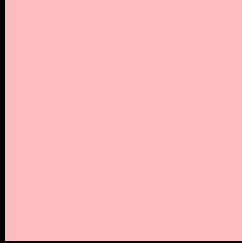
Large Text (above 18pt) WCAG AA × Fail

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 60.5622, 0.3671, 0.3250 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 60.5622, 0.3671, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 60.5622, 0.3671, 0.3250.



This preview shows how white text looks on a background with the Yxy color 60.5622, 0.3671, 0.3250.

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

60.5622, 0.3671, 0.3250

Protanopia

60.9112, 0.3194, 0.3337

Deuteranopia

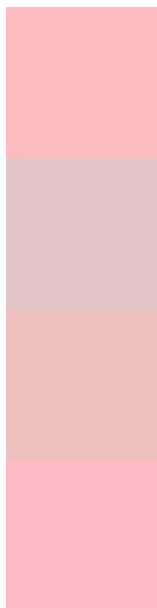
60.4296, 0.3456, 0.3380



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.5622, 0.3671, 0.3250

Protanomaly

60.5881, 0.3359, 0.3302

Deuteranomaly

60.2084, 0.3531, 0.3324

Tritanomaly

60.4090, 0.3622, 0.3177

Monochromacy



Original Color

60.5622, 0.3671, 0.3250

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.5804, 0.3310, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5622, 0.3671, 0.3250 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, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 191) }
```

Border

The CSS property to change the border of an element to Yxy 60.5622, 0.3671, 0.3250 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, 187, 191) }
```

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

```
.border{ border-color:rgb(255, 187, 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, 187, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5622, 0.3671, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 191) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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