

Converting Colors

Yxy(61.1280, 0.3666, 0.3260)

Have a look what the booklet for
Yxy(61.1280, 0.3666, 0.3260)
contains.

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Color

Yxy(60.9880, 0.3669, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCBF
RGB	255, 188, 191
RGB Percent	100%, 74%, 75%
CMY	0.0000, 0.2628, 0.2509
CMYK	0.00, 0.26, 0.25, 0.00
HSL	357°, 100%, 87%
HSV	357°, 26%, 100%
XYZ	68.6396, 60.9880, 57.4522
YIQ	208.3750, 38.9690, 15.1370

Conversions

Conversions Part 2

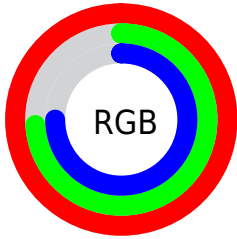
Format	Color
R _Y B	255, 188, 191
Decimal	16759999
CIE Lab	82.37, 24.57, 7.99
CIE LCh	82, 25.838, 18.021
Yxy	60.9880, 0.3669, 0.3260
Android (android.graphics.Color)	4294950079 (0xFFFFBCBF)
YUV	208.3750, -8.5659, 40.8901
Hunter-Lab	78.0948, 20.2224, 11.0484

Details

The Yxy color **60.9880, 0.3669, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2362, 0.2756, 0.3321**, and the grayscale version is **63.3650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2802, 0.3180, 0.3271**, and **30.7555, 0.3805, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **50.0502, 0.3971, 0.3248**, and if you desaturate by 10%, it is **74.0187, 0.3424, 0.3272**.

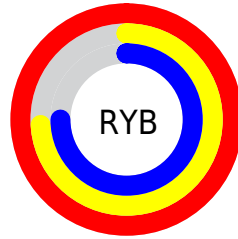
Distribution



Red (100%)

Green (74%)

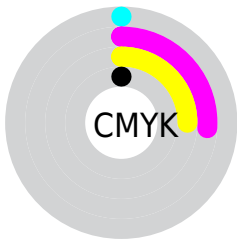
Blue (75%)



Red (100%)

Yellow (74%)

Blue (75%)

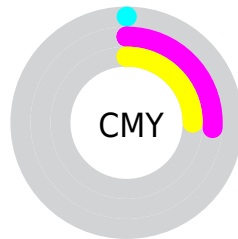


Cyan (0%)

Magenta (26%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9880, 0.3669, 0.3260 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 60.9880, 0.3669, 0.3260 by changing the saturation by 10% instead.


 60.9880, 0.3669,
0.3260

 60.9880, 0.3669,
0.3260

428.2300, 0.3408,
0.3279

 44.2155, 0.3731,
0.3254

 106.2616, 0.3576,
0.3268

 30.8399, 0.3809,
0.3247


135.5314, 0.3541,
0.3270

 20.4770, 0.3910,
0.3236


169.7358, 0.3511,
0.3272

 12.7423, 0.4046,
0.3219

209.2591, 0.3485,
0.3274

 7.2513, 0.4238,
0.3192

254.4858, 0.3462,
0.3276

 3.6198, 0.4529,
0.3145


305.8003, 0.3442,

 1.4632, 0.5014,


0.3277


0.3046


363.5869, 0.3424,
0.3278


 0.2626, 0.7638,
0.2362


 0.0000, 0.0000,
0.0000


 60.9880, 0.3669,
0.3260

 60.9880, 0.3669,
0.3260

 50.0502, 0.3971,
0.3248

 74.0187, 0.3424,
0.3272

 41.1101, 0.4340,
0.3238

 89.2593, 0.3229,
0.3283

 34.0427, 0.4770,
0.3232

100.0000, 0.3127,
0.3290

 28.7149, 0.5240,
0.3231

■ 24.9761, 0.5701,
0.3239

■ 22.6502, 0.6081,
0.3255

■ 21.5185, 0.6318,
0.3278

■ 21.2854, 0.6369,
0.3282

Harmonies

Analogous

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



60.9880, 0.3400, 0.3006



60.9880, 0.3669, 0.3260



60.9880, 0.3785, 0.3533

Triad

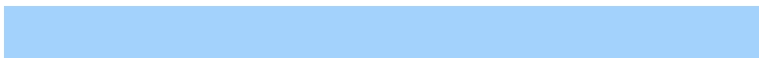
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.9880, 0.3669, 0.3260



60.9880, 0.3162, 0.3823



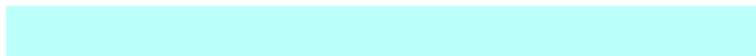
60.9880, 0.2565, 0.2804

Complementary

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



60.9880, 0.3669, 0.3260



89.2362, 0.2756, 0.3321

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.



60.9880, 0.2511, 0.2993



60.9880, 0.3669, 0.3260



60.9880, 0.2844, 0.3598

Square

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



60.9880, 0.3669, 0.3260



60.9880, 0.3481, 0.3878



60.9880, 0.2610, 0.3284



60.9880, 0.2762, 0.2748

Rectangle

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



60.9880, 0.3669, 0.3260



60.9880, 0.3758, 0.3695



60.9880, 0.2610, 0.3284



60.9880, 0.2530, 0.2853

Sweetspot

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



60.9830, 0.3669, 0.3260



86.4762, 0.3260, 0.3281



63.8108, 0.3132, 0.2628



18.0004, 0.3287, 0.3280



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.



60.9830, 0.3669, 0.3260



54.4786, 0.3834, 0.3253



75.1071, 0.3615, 0.3600



18.0004, 0.3287, 0.3280



11.1277, 0.6355, 0.3275



1.0879, 0.6248, 0.3216

Inverse Universe

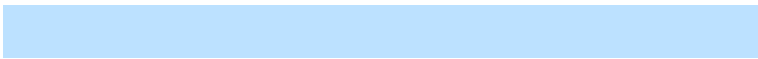
The Inverse Universe completely reimagines the original color for something new.



60.9830, 0.3669, 0.3260



54.4786, 0.3834, 0.3253



71.6758, 0.2710, 0.2958



18.0004, 0.3287, 0.3280



11.1277, 0.6355, 0.3275



1.0879, 0.6248, 0.3216

Previews

White Background



This preview shows how the Yxy color 60.9880, 0.3669, 0.3260 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 60.9880, 0.3669, 0.3260 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 60.9880, 0.3669, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 60.9880, 0.3669, 0.3260.



This preview shows how white text looks on a background with the Yxy color 60.9880, 0.3669, 0.3260.

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

60.9880, 0.3669, 0.3260

Protanopia

61.0575, 0.3202, 0.3337

Deuteranopia

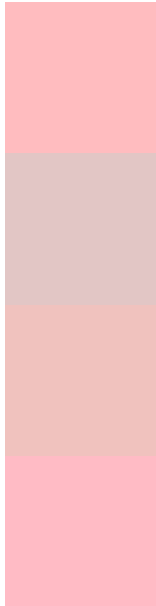
61.0512, 0.3462, 0.3391



Tritanopia

61.0177, 0.3586, 0.3146

Trichromacy



Original Color

60.9880, 0.3669, 0.3260

Protanomaly

60.5881, 0.3359, 0.3302

Deuteranomaly

60.8265, 0.3537, 0.3335

Tritanomaly

60.8319, 0.3620, 0.3188

Monochromacy



Original Color

60.9880, 0.3669, 0.3260

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.0451, 0.3309, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9880, 0.3669, 0.3260 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, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 191) }
```

Border

The CSS property to change the border of an element to Yxy 60.9880, 0.3669, 0.3260 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, 188, 191) }
```

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

```
.border{ border-color:rgb(255, 188, 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, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9880, 0.3669, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 191) }
```

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

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