

Converting Colors

$Y_{xy}(62.0340, 0.3729, 0.3380)$

Have a look what the booklet for
Yxy(62.0340, 0.3729, 0.3380)
contains.

Yxy(61.9405, 0.3728, 0.3375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.9405, 0.3728, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFB7
RGB	255, 191, 183
RGB Percent	100%, 75%, 72%
CMY	0.0000, 0.2510, 0.2822
CMYK	0.00, 0.25, 0.28, 0.00
HSL	7°, 100%, 86%
HSV	7°, 28%, 100%
XYZ	68.4190, 61.9405, 53.1679
YIQ	209.2240, 40.7120, 11.0800

Conversions

Conversions Part 2

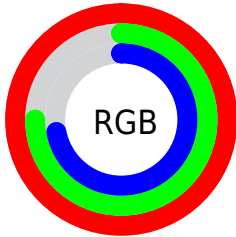
Format	Color
R_YB	255, 192, 183
Decimal	16760759
CIE Lab	82.88, 21.89, 12.99
CIE LCh	83, 25.459, 30.688
Yxy	61.9405, 0.3728, 0.3375
Android (android.graphics.Color)	4294950839 (0xFFFFBFB7)
YUV	209.2240, -12.9284, 40.1456
Hunter-Lab	78.7023, 17.4481, 15.0378

Details

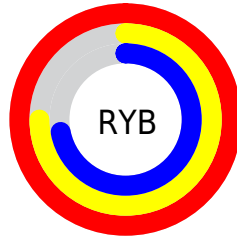
The Yxy color **61.9405, 0.3728, 0.3375** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.8267, 0.2707, 0.3203**, and the grayscale version is **63.9833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6268, 0.3226, 0.3377**, and **31.3733, 0.3886, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **51.8392, 0.4037, 0.3406**, and if you desaturate by 10%, it is **73.7710, 0.3474, 0.3343**.

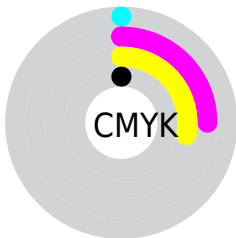
Distribution



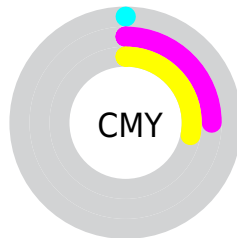
- Red (100%)
- Green (75%)
- Blue (72%)



- Red (100%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9405, 0.3728, 0.3375 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 61.9405, 0.3728, 0.3375 by changing the saturation by 10% instead.

 61.9405, 0.3728,
0.3375

 61.9405, 0.3728,
0.3375

431.7140, 0.3439,
0.3341

 44.9846, 0.3797,
0.3381


 107.6395, 0.3626,
0.3365

 31.4453, 0.3883,
0.3388


137.1515, 0.3586,
0.3360

 20.9382, 0.3994,
0.3395


171.6176, 0.3553,
0.3356

 13.0788, 0.4143,
0.3401

211.4222, 0.3524,
0.3353

 7.4828, 0.4353,
0.3404

256.9498, 0.3499,
0.3349

 3.7659, 0.4666,
0.3396

308.5847, 0.3476,

 1.5435, 0.5216,

0.3346

0.3375

366.7113, 0.3457,
0.3344

0.3190, 0.7242,
0.2758

0.0000, 0.0000,
0.0000

61.9405, 0.3728,
0.3375

61.9405, 0.3728,
0.3375

51.8392, 0.4037,
0.3406

73.7710, 0.3474,
0.3343

43.3777, 0.4405,
0.3435

87.3972, 0.3268,
0.3313

36.4720, 0.4827,
0.3455

99.9988, 0.3127,
0.3290

31.0267, 0.5279,
0.3462

■ 26.9364, 0.5715,
0.3449

■ 24.0810, 0.6073,
0.3414

■ 22.3170, 0.6299,
0.3364

■ 22.1010, 0.6328,
0.3357

Harmonies

Analogous

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



61.9405, 0.3519, 0.3111



61.9405, 0.3728, 0.3375



61.9405, 0.3765, 0.3633

Triad

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



61.9405, 0.3728, 0.3375



61.9405, 0.3025, 0.3736



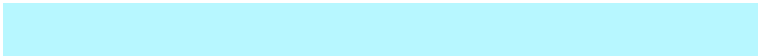
61.9405, 0.2642, 0.2773

Complementary

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



61.9405, 0.3728, 0.3375



83.8267, 0.2707, 0.3203

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.



61.9405, 0.2527, 0.2906



61.9405, 0.3728, 0.3375



61.9405, 0.2739, 0.3466

Square

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



61.9405, 0.3728, 0.3375



61.9405, 0.3348, 0.3865



61.9405, 0.2561, 0.3156



61.9405, 0.2885, 0.2774

Rectangle

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



61.9405, 0.3728, 0.3375



61.9405, 0.3687, 0.3769



61.9405, 0.2561, 0.3156



61.9405, 0.2588, 0.2803

Sweetspot

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



61.9434, 0.3728, 0.3375



87.7222, 0.3263, 0.3313



61.9051, 0.3214, 0.2650



18.3108, 0.3292, 0.3317



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.



61.9434, 0.3728, 0.3375



55.9008, 0.3899, 0.3393



79.1863, 0.3629, 0.3730



18.3108, 0.3292, 0.3317



11.6519, 0.6312, 0.3370



1.2349, 0.6155, 0.3495

Inverse Universe

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



83.8267, 0.2707, 0.3203



81.1227, 0.2630, 0.3183



64.2875, 0.2666, 0.2805



20.1174, 0.2980, 0.3263



32.5466, 0.2149, 0.2937



3.2629, 0.2161, 0.2981

Previews

White Background



This preview shows how the Yxy color 61.9405, 0.3728, 0.3375 looks on a white background.

Color Contrast Check

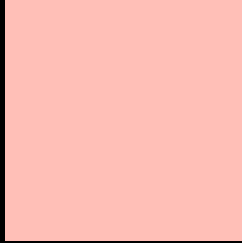
Large Text (above 18pt) WCAG AA × Fail

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 61.9405, 0.3728, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

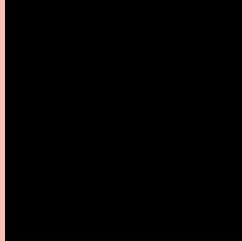
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9405, 0.3728, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 61.9405, 0.3728, 0.3375.



This preview shows how white text looks on a background with the Yxy color 61.9405, 0.3728, 0.3375.

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

61.9405, 0.3728, 0.3375

Protanopia

62.2003, 0.3297, 0.3464

Deuteranopia

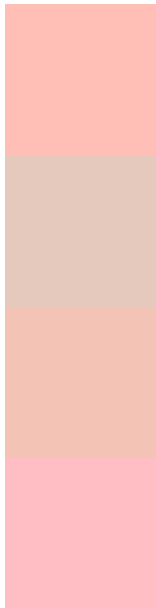
62.0571, 0.3557, 0.3478



Tritanopia

61.9670, 0.3565, 0.3146

Trichromacy



Original Color

61.9405, 0.3728, 0.3375

Protanomaly

62.0621, 0.3448, 0.3436

Deuteranomaly

61.9119, 0.3623, 0.3443

Tritanomaly

62.0724, 0.3622, 0.3229

Monochromacy



Original Color

61.9405, 0.3728, 0.3375

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.5799, 0.3330, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9405, 0.3728, 0.3375 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, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 183)  
}
```

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, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 183) }
```

Border

The CSS property to change the border of an element to Yxy 61.9405, 0.3728, 0.3375 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, 191, 183) }
```

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

```
.border{ border-color:rgb(255, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9405, 0.3728, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 183) }
```

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

```
.background{ background-color: rgb(255,  
191, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor