

Converting Colors

$Y_{xy}(60.5316, 0.3435, 0.2921)$

Have a look what the booklet for
Yxy(60.5316, 0.3435, 0.2921)
contains.

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Color

Yxy(60.7083, 0.3433, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8DC
RGB	255, 184, 220
RGB Percent	100%, 72%, 86%
CMY	0.0000, 0.2784, 0.1372
CMYK	0.00, 0.28, 0.14, 0.00
HSL	330°, 100%, 86%
HSV	330°, 28%, 100%
XYZ	71.3006, 60.7083, 75.6829
YIQ	209.3330, 30.7600, 26.2480

Conversions

Conversions Part 2

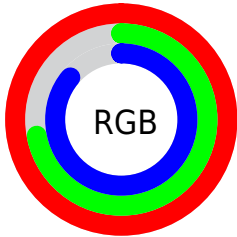
Format	Color
R _Y B	255, 184, 220
Decimal	16759004
CIE Lab	82.22, 30.94, -7.82
CIE LCh	82, 31.915, 345.823
Yxy	60.7083, 0.3433, 0.2923
Android (android.graphics.Color)	4294949084 (0xFFFFB8DC)
YUV	209.3330, 5.2588, 40.0500
Hunter-Lab	77.9155, 26.9933, -3.0502

Details

The Yxy color **60.7083, 0.3433, 0.2923** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.8245, 0.2903, 0.3690**, and the grayscale version is **63.9413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.5522, 0.3505, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **50.4133, 0.3586, 0.2786**, and if you desaturate by 10%, it is **72.9681, 0.3305, 0.3060**.

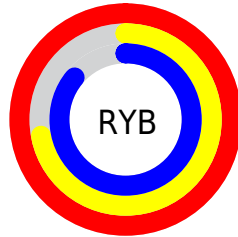
Distribution



Red (100%)

Green (72%)

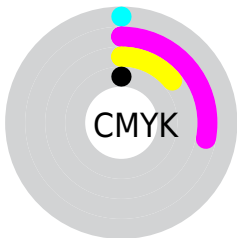
Blue (86%)



Red (100%)

Yellow (72%)

Blue (86%)

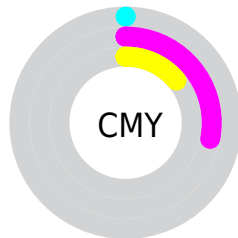


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7083, 0.3433, 0.2923 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 60.7083, 0.3433, 0.2923 by changing the saturation by 10% instead.

 60.7083, 0.3433,
0.2923

 60.7083, 0.3433,
0.2923


427.2036, 0.3289,
0.3093

 43.9898, 0.3466,
0.2884


 105.8565, 0.3383,
0.2982

 30.6625, 0.3508,
0.2836


135.0549, 0.3363,
0.3005

 20.3420, 0.3561,
0.2775

169.1821, 0.3347,
0.3025

 12.6439, 0.3631,
0.2695

208.6225, 0.3332,
0.3042

 7.1838, 0.3727,
0.2586

253.7605, 0.3320,
0.3057

 3.5773, 0.3869,
0.2429


304.9804, 0.3308,


 1.4400, 0.4097,

0.3071

0.2184


362.6666, 0.3298,
0.3083


 0.2460, 0.4849,
0.1195


 0.0000, 0.0000,
0.0000

 60.7083, 0.3433,
0.2923


 60.7083, 0.3433,
0.2923

 50.4133, 0.3586,
0.2786


 72.9681, 0.3305,
0.3060

 41.9714, 0.3764,
0.2657

 87.2806, 0.3198,
0.3192

 35.2717, 0.3969,
0.2544

100.0000, 0.3127,
0.3290

 30.1885, 0.4196,
0.2460

■ 26.5786, 0.4438,
0.2418

■ 24.2733, 0.4684,
0.2429

■ 23.0474, 0.4920,
0.2494

■ 22.8545, 0.4970,
0.2511

Harmonies

Analogous

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



60.7083, 0.3017, 0.2710



60.7083, 0.3433, 0.2923



60.7083, 0.3780, 0.3224

Triad

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



60.7083, 0.3433, 0.2923



60.7083, 0.3586, 0.4015



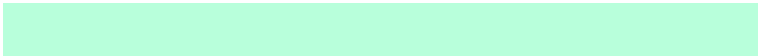
60.7083, 0.2377, 0.2940

Complementary

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



60.7083, 0.3433, 0.2923



86.8245, 0.2903, 0.3690

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.



60.7083, 0.2508, 0.3307



60.7083, 0.3433, 0.2923



60.7083, 0.3195, 0.3971

Square

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



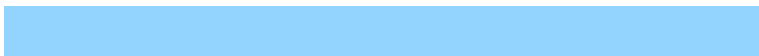
60.7083, 0.3433, 0.2923



60.7083, 0.3864, 0.3848



60.7083, 0.2802, 0.3701



60.7083, 0.2429, 0.2703

Rectangle

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



60.7083, 0.3433, 0.2923



60.7083, 0.3913, 0.3445



60.7083, 0.2802, 0.3701



60.7083, 0.2400, 0.3052

Sweetspot

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



60.7110, 0.3433, 0.2923



87.0373, 0.3199, 0.3189



56.4573, 0.2882, 0.2534



18.1409, 0.3214, 0.3170



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.



60.7110, 0.3433, 0.2923



55.1607, 0.3509, 0.2852



59.0533, 0.3729, 0.3279



18.1409, 0.3214, 0.3170



11.9722, 0.4933, 0.2491



1.1878, 0.4683, 0.2354

Inverse Universe

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



60.7110, 0.3433, 0.2923



55.1607, 0.3509, 0.2852



88.8549, 0.2727, 0.3301



18.1409, 0.3214, 0.3170



11.9722, 0.4933, 0.2491



1.1878, 0.4683, 0.2354

Previews

White Background



This preview shows how the Yxy color 60.7083, 0.3433, 0.2923 looks on a white background.

Color Contrast Check

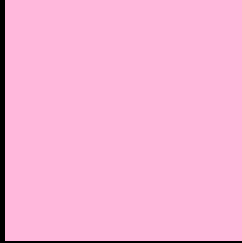
Large Text (above 18pt) WCAG AA × Fail

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 60.7083, 0.3433, 0.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

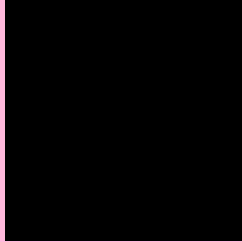
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7083, 0.3433, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 60.7083, 0.3433, 0.2923.



This preview shows how white text looks on a background with the Yxy color 60.7083, 0.3433, 0.2923.

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

60.7083, 0.3433, 0.2923

Protanopia

60.8174, 0.2907, 0.2960

Deuteranopia

60.9167, 0.3152, 0.3089



Tritanopia

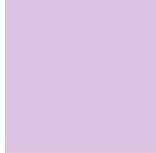
60.6876, 0.3561, 0.3135

Trichromacy



Original Color

60.7083, 0.3433, 0.2923



Protanomaly

60.2969, 0.3082, 0.2938



Deuteranomaly

60.8013, 0.3251, 0.3030



Tritanomaly

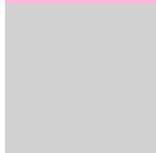
60.7921, 0.3513, 0.3053

Monochromacy



Original Color

60.7083, 0.3433, 0.2923



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.2814, 0.3235, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7083, 0.3433, 0.2923 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, 184, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 220)  
}
```

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, 184, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 220) }
```

Border

The CSS property to change the border of an element to Yxy 60.7083, 0.3433, 0.2923 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, 184, 220) }
```

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

```
.border{ border-color:rgb(255, 184, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7083, 0.3433, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 220) }
```

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

```
.background{ background-color: rgb(255,  
184, 220) }
```

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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