

Converting Colors

Yxy(60.7114, 0.3498, 0.3013)

Have a look what the booklet for
Yxy(60.7114, 0.3498, 0.3013)
contains.

Yxy(60.7114, 0.3498, 0.3013)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7114, 0.3498, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9D4
RGB	255, 185, 212
RGB Percent	100%, 73%, 83%
CMY	0.0000, 0.2746, 0.1686
CMYK	0.00, 0.27, 0.17, 0.00
HSL	337°, 100%, 86%
HSV	337°, 27%, 100%
XYZ	70.4841, 60.7114, 70.3027
YIQ	209.0080, 33.0530, 23.2370

Conversions

Conversions Part 2

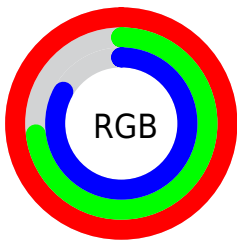
Format	Color
R _Y B	255, 185, 212
Decimal	16759252
CIE Lab	82.22, 29.20, -3.51
CIE LCh	82, 29.406, 353.141
Yxy	60.7114, 0.3498, 0.3013
Android (android.graphics.Color)	4294949332 (0xFFFFB9D4)
YUV	209.0080, 1.4751, 40.3350
Hunter-Lab	77.9175, 25.1151, 1.0466

Details

The Yxy color **60.7114, 0.3498, 0.3013** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4325, 0.2862, 0.3587**, and the grayscale version is **63.7357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **30.5372, 0.3594, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **50.2266, 0.3689, 0.2908**, and if you desaturate by 10%, it is **73.1779, 0.3339, 0.3118**.

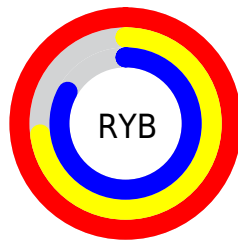
Distribution



Red (100%)

Green (73%)

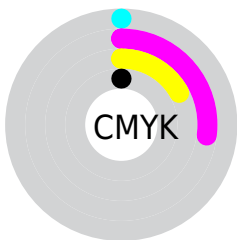
Blue (83%)



Red (100%)

Yellow (73%)

Blue (83%)

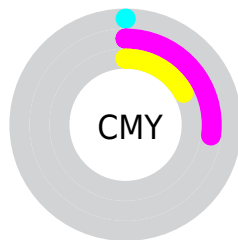


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7114, 0.3498, 0.3013 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 60.7114, 0.3498, 0.3013 by changing the saturation by 10% instead.

 60.7114, 0.3498,
0.3013

 60.7114, 0.3498,
0.3013

427.2150, 0.3322,
0.3143

 43.9923, 0.3539,
0.2983


 105.8610, 0.3436,
0.3059

 30.6645, 0.3591,
0.2945


135.0602, 0.3412,
0.3076

 20.3435, 0.3658,
0.2897

169.1883, 0.3392,
0.3091

 12.6450, 0.3746,
0.2833

208.6296, 0.3374,
0.3104

 7.1845, 0.3871,
0.2745

253.7685, 0.3359,
0.3116

 3.5778, 0.4056,
0.2616


304.9895, 0.3345,

 1.4403, 0.4362,


0.3126


0.2407

362.6768, 0.3333,
0.3135


 0.2461, 0.5559,
0.1439


 0.0000, 0.0000,
0.0000


 60.7114, 0.3498,
0.3013


 60.7114, 0.3498,
0.3013

 50.2266, 0.3689,
0.2908


 73.1779, 0.3339,
0.3118

 41.6312, 0.3918,
0.2808

 87.7349, 0.3209,
0.3219

 34.8070, 0.4183,
0.2724

100.0000, 0.3127,
0.3290

 29.6274, 0.4481,
0.2666

■ 25.9489, 0.4799,
0.2649

■ 23.6026, 0.5118,
0.2683

■ 22.3688, 0.5412,
0.2769

■ 22.1504, 0.5483,
0.2794

Harmonies

Analogous

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



60.7114, 0.3119, 0.2790



60.7114, 0.3498, 0.3013



60.7114, 0.3783, 0.3306

Triad

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



60.7114, 0.3498, 0.3013



60.7114, 0.3470, 0.3967



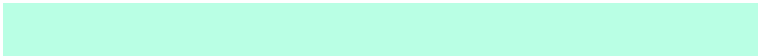
60.7114, 0.2428, 0.2903

Complementary

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



60.7114, 0.3498, 0.3013



87.4325, 0.2862, 0.3587

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.



60.7114, 0.2510, 0.3219



60.7114, 0.3498, 0.3013



60.7114, 0.3099, 0.3871

Square

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



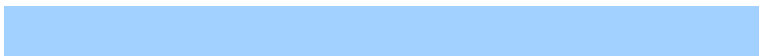
60.7114, 0.3498, 0.3013



60.7114, 0.3760, 0.3859



60.7114, 0.2750, 0.3585



60.7114, 0.2518, 0.2716

Rectangle

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



60.7114, 0.3498, 0.3013



60.7114, 0.3871, 0.3512



60.7114, 0.2750, 0.3585



60.7114, 0.2436, 0.2996

Sweetspot

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



60.7073, 0.3498, 0.3013



86.8873, 0.3215, 0.3213



58.2430, 0.2947, 0.2559



18.1032, 0.3233, 0.3199



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.



60.7073, 0.3498, 0.3013



54.6572, 0.3600, 0.2954



62.4568, 0.3709, 0.3365



18.1032, 0.3233, 0.3199



11.6011, 0.5441, 0.2771



1.1502, 0.5135, 0.2602

Inverse Universe

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



60.7073, 0.3498, 0.3013



54.6572, 0.3600, 0.2954



84.6669, 0.2718, 0.3214



18.1032, 0.3233, 0.3199



11.6011, 0.5441, 0.2771



1.1502, 0.5135, 0.2602

Previews

White Background



This preview shows how the Yxy color 60.7114, 0.3498, 0.3013 looks on a white background.

Color Contrast Check

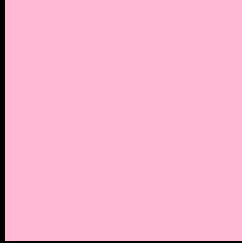
Large Text (above 18pt) WCAG AA × Fail

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 60.7114, 0.3498, 0.3013 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 60.7114, 0.3498, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 60.7114, 0.3498, 0.3013.



This preview shows how white text looks on a background with the Yxy color 60.7114, 0.3498, 0.3013.

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

60.7114, 0.3498, 0.3013

Protanopia

61.2100, 0.2988, 0.3072

Deuteranopia

61.1880, 0.3235, 0.3168



Tritanopia

60.8285, 0.3578, 0.3146

Trichromacy



Original Color

60.7114, 0.3498, 0.3013



Protanomaly

60.5766, 0.3162, 0.3046



Deuteranomaly

60.9489, 0.3329, 0.3106



Tritanomaly

60.5964, 0.3546, 0.3094

Monochromacy



Original Color

60.7114, 0.3498, 0.3013



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.1304, 0.3258, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7114, 0.3498, 0.3013 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, 185, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 212)  
}
```

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, 185, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.7114, 0.3498, 0.3013 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, 185, 212) }
```

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

```
.border{ border-color:rgb(255, 185, 212) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7114, 0.3498, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 212) }
```

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

```
.background{ background-color: rgb(255,  
185, 212) }
```

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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