

Converting Colors

Yxy(55.4192, 0.3990, 0.3074)

Have a look what the booklet for
Yxy(55.4192, 0.3990, 0.3074)
contains.

Yxy(50.9572, 0.3790, 0.3061)	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(50.9572, 0.3790, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3B9
RGB	255, 163, 185
RGB Percent	100%, 64%, 73%
CMY	0.0000, 0.3607, 0.2744
CMYK	0.00, 0.36, 0.27, 0.00
HSL	346°, 100%, 82%
HSV	346°, 36%, 100%
XYZ	63.0930, 50.9572, 52.4222
YIQ	193.0160, 47.7700, 26.3460

Conversions

Conversions Part 2

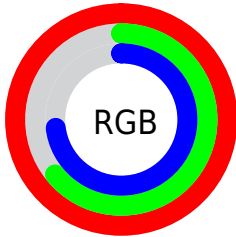
Format	Color
R _Y B	255, 163, 185
Decimal	16753593
CIE Lab	76.65, 36.80, 2.99
CIE LCh	77, 36.920, 4.651
Yxy	50.9572, 0.3790, 0.3061
Android (android.graphics.Color)	4294943673 (0xFFFFA3B9)
YUV	193.0160, -3.9519, 54.3600
Hunter-Lab	71.3843, 32.8447, 6.4285

Details

The Yxy color **50.9572, 0.3790, 0.3061** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.1823, 0.2723, 0.3537**, and the grayscale version is **53.3432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2739, 0.3237, 0.3073**, and **24.5536, 0.3968, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **42.0344, 0.4075, 0.2999**, and if you desaturate by 10%, it is **61.8220, 0.3554, 0.3127**.

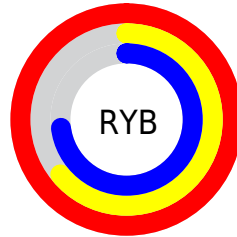
Distribution



Red (100%)

Green (64%)

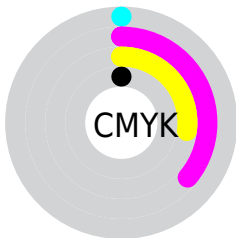
Blue (73%)



Red (100%)

Yellow (64%)

Blue (73%)

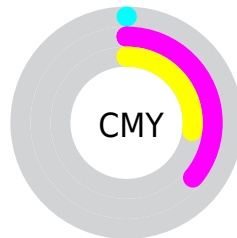


Cyan (0%)

Magenta (36%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9572, 0.3790, 0.3061 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 50.9572, 0.3790, 0.3061 by changing the saturation by 10% instead.


 50.9572, 0.3790,
0.3061


 50.9572, 0.3790,
0.3061


390.3975, 0.3463,
0.3176

 36.1745, 0.3870,
0.3032


 91.5915, 0.3672,
0.3103

 24.5690, 0.3973,
0.2995


 118.2119, 0.3627,
0.3119

 15.7563, 0.4107,
0.2945


149.5471, 0.3590,
0.3132

 9.3518, 0.4291,
0.2877

185.9814, 0.3557,
0.3144

 4.9714, 0.4559,
0.2775

227.8992, 0.3529,
0.3153

 2.2305, 0.4979,
0.2610

275.6848, 0.3504,

 0.7365, 0.5816,

0.3162

0.2318

329.7228, 0.3482,
0.3170

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.9572, 0.3790,
0.3061

50.9572, 0.3790,
0.3061

42.0344, 0.4075,
0.2999

61.8220, 0.3554,
0.3127

34.9315, 0.4410,
0.2949

74.7268, 0.3362,
0.3192

29.5238, 0.4789,
0.2920

89.7719, 0.3207,
0.3254

25.6678, 0.5190,
0.2922

99.9979, 0.3127,
0.3290

■ 23.1959, 0.5575,
0.2965

■ 21.9007, 0.5900,
0.3047

■ 21.5952, 0.6008,
0.3083

Harmonies

Analogous

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



50.9572, 0.3309, 0.2737



50.9572, 0.3790, 0.3061



50.9572, 0.4087, 0.3451

Triad

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



50.9572, 0.3790, 0.3061



50.9572, 0.3387, 0.4190



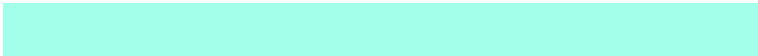
50.9572, 0.2236, 0.2656

Complementary

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



50.9572, 0.3790, 0.3061



85.1823, 0.2723, 0.3537

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.



50.9572, 0.2254, 0.3006



50.9572, 0.3790, 0.3061



50.9572, 0.2894, 0.3955

Square

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



50.9572, 0.3790, 0.3061



50.9572, 0.3831, 0.4123



50.9572, 0.2485, 0.3494



50.9572, 0.2430, 0.2500

Rectangle

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



50.9572, 0.3790, 0.3061



50.9572, 0.4126, 0.3713



50.9572, 0.2485, 0.3494



50.9572, 0.2218, 0.2752

Sweetspot

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



50.9596, 0.3790, 0.3061



82.0920, 0.3279, 0.3224



50.5720, 0.2983, 0.2342



17.1384, 0.3301, 0.3216



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.



50.9596, 0.3790, 0.3061



44.5809, 0.3982, 0.3018



59.0224, 0.3916, 0.3534



18.0583, 0.3256, 0.3233



11.3043, 0.5968, 0.3062



1.1169, 0.5656, 0.2890

Inverse Universe

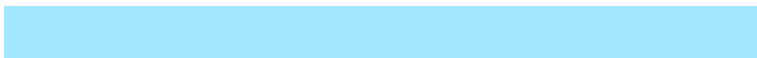
The Inverse Universe completely reimagines the original color for something new.



50.9596, 0.3790, 0.3061



44.5809, 0.3982, 0.3018



72.7169, 0.2583, 0.3029



18.0583, 0.3256, 0.3233



11.3043, 0.5968, 0.3062



1.1169, 0.5656, 0.2890

Previews

White Background



This preview shows how the Yxy color 50.9572, 0.3790, 0.3061 looks on a white background.

Color Contrast Check

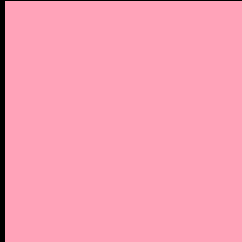
Large Text (above 18pt) WCAG AA × Fail

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 50.9572, 0.3790, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

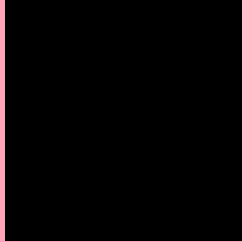
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9572, 0.3790, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 50.9572, 0.3790, 0.3061.



This preview shows how white text looks on a background with the Yxy color 50.9572, 0.3790, 0.3061.

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

50.9572, 0.3790, 0.3061

Protanopia

51.0837, 0.3053, 0.3141

Deuteranopia

51.0521, 0.3385, 0.3315



Tritanopia

50.7961, 0.3856, 0.3155

Trichromacy



Original Color

50.9572, 0.3790, 0.3061



Protanomaly

50.4765, 0.3300, 0.3102



Deuteranomaly

50.7590, 0.3533, 0.3222



Tritanomaly

50.9170, 0.3827, 0.3123

Monochromacy



Original Color

50.9572, 0.3790, 0.3061



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.7725, 0.3355, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9572, 0.3790, 0.3061 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, 163, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 185)  
}
```

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, 163, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.9572, 0.3790, 0.3061 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, 163, 185) }
```

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

```
.border{ border-color:rgb(255, 163, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 163, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 163, 185); box-shadow:4px 4px 4px 4px rgb(255, 163, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9572, 0.3790, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 185) }
```

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

```
.background{ background-color: rgb(255,  
163, 185) }
```

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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