

Converting Colors

Yxy(91.4344, 0.4393, 0.2951)

Have a look what the booklet for
Yxy(91.4344, 0.4393, 0.2951)
contains.

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Color

Yxy(57.4109, 0.3395, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFE2
RGB	255, 175, 226
RGB Percent	100%, 69%, 89%
CMY	0.0001, 0.3136, 0.1137
CMYK	0.00, 0.31, 0.11, 0.00
HSL	322°, 100%, 84%
HSV	322°, 31%, 100%
XYZ	70.2885, 57.4109, 79.3359
YIQ	204.7340, 31.3090, 32.8210

Conversions

Conversions Part 2

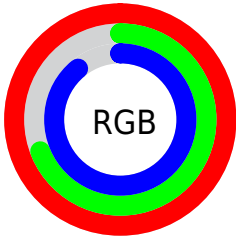
Format	Color
R_{YB}	255, 175, 226
Decimal	16756706
CIE _{Lab}	80.41, 36.59, -13.75
CIE _{LCh}	80, 39.088, 339.412
Yxy	57.4109, 0.3395, 0.2773
Android (android.graphics.Color)	4294946786 (0xFFFFAFE2)
YUV	204.7340, 10.4841, 44.0833
Hunter-Lab	75.7700, 32.9892, -9.0414

Details

The Yxy color $57.4109, 0.3395, 0.2773$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84.9721, 0.2932, 0.3873$, and the grayscale version is $60.7915, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $28.4853, 0.3453, 0.2643$ is the 20% darker color. If you saturate the color by 10%, you get $47.9131, 0.3512, 0.2607$, and if you desaturate by 10%, it is $68.8149, 0.3294, 0.2943$.

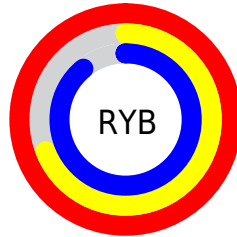
Distribution



Red (100%)

Green (69%)

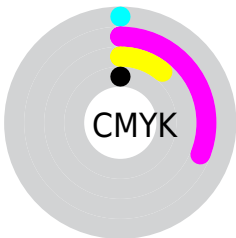
Blue (89%)



Red (100%)

Yellow (69%)

Blue (89%)

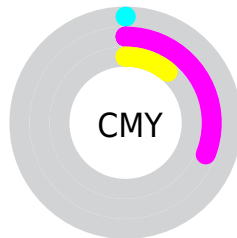


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4109, 0.3395, 0.2773 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 57.4109, 0.3395, 0.2773 by changing the saturation by 10% instead.


 57.4109, 0.3395,
0.2773

 57.4109, 0.3395,
0.2773

414.9872, 0.3271,
0.3011

 41.3352, 0.3423,
0.2719

 101.0645, 0.3352,
0.2855

 28.5811, 0.3458,
0.2652


129.4112, 0.3335,
0.2887

 18.7642, 0.3502,
0.2568


162.6171, 0.3321,
0.2915

 11.5000, 0.3560,
0.2459

201.0665, 0.3308,
0.2939

 6.4042, 0.3638,
0.2312

245.1438, 0.3297,
0.2961

 3.0924, 0.3749,
0.2103


295.2334, 0.3288,

 1.1802, 0.3919,


0.2979


0.1787


351.7198, 0.3279,
0.2996


 0.0454, 0.4708,
0.0227


 0.0000, 0.0000,
0.0000


 57.4109, 0.3395,
0.2773


 57.4109, 0.3395,
0.2773


 47.9131, 0.3512,
0.2607

 68.8149, 0.3294,
0.2943

 40.2076, 0.3645,
0.2452

 82.2151, 0.3208,
0.3109

 34.1802, 0.3793,
0.2320

 97.7051, 0.3136,
0.3269

 29.7005, 0.3951,
0.2222

99.9932, 0.3127,
0.3290

■ 26.6185, 0.4115,
0.2170

■ 24.7540, 0.4279,
0.2169

■ 23.8841, 0.4416,
0.2206

Harmonies

Analogous

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



57.4109, 0.2880, 0.2546



57.4109, 0.3395, 0.2773



57.4109, 0.3866, 0.3117

Triad

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



57.4109, 0.3395, 0.2773



57.4109, 0.3780, 0.4166



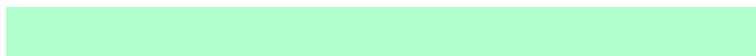
57.4109, 0.2222, 0.2932

Complementary

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



57.4109, 0.3395, 0.2773



84.9721, 0.2932, 0.3873

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.



57.4109, 0.2423, 0.3414



57.4109, 0.3395, 0.2773



57.4109, 0.3310, 0.4190

Square

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



57.4109, 0.3395, 0.2773



57.4109, 0.4087, 0.3900



57.4109, 0.2814, 0.3904



57.4109, 0.2239, 0.2606

Rectangle

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



57.4109, 0.3395, 0.2773



57.4109, 0.4071, 0.3381



57.4109, 0.2814, 0.3904



57.4109, 0.2265, 0.3080

Sweetspot

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



57.4135, 0.3395, 0.2773



85.6975, 0.3190, 0.3148



50.5832, 0.2764, 0.2410



17.8826, 0.3201, 0.3124



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.



57.4135, 0.3395, 0.2773



50.9102, 0.3471, 0.2662



55.5103, 0.3738, 0.3166



18.1822, 0.3194, 0.3140



12.5136, 0.4391, 0.2192



1.2394, 0.4220, 0.2098

Inverse Universe

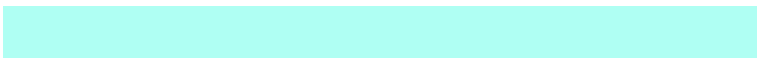
The Inverse Universe completely reimagines the original color for something new.



57.4135, 0.3395, 0.2773



50.9102, 0.3471, 0.2662



87.0831, 0.2734, 0.3420



18.1822, 0.3194, 0.3140



12.5136, 0.4391, 0.2192



1.2394, 0.4220, 0.2098

Previews

White Background



This preview shows how the Yxy color 57.4109, 0.3395, 0.2773 looks on a white background.

Color Contrast Check

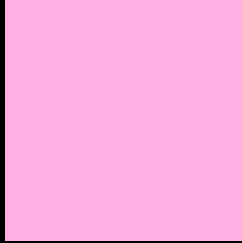
Large Text (above 18pt) WCAG AA × Fail

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 57.4109, 0.3395, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

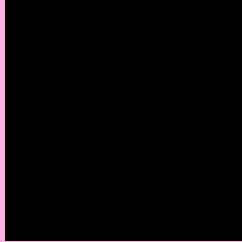
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4109, 0.3395, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 57.4109, 0.3395, 0.2773.



This preview shows how white text looks on a background with the Yxy color 57.4109, 0.3395, 0.2773.

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

57.4109, 0.3395, 0.2773

Protanopia

57.8154, 0.2784, 0.2797

Deuteranopia

57.8594, 0.3041, 0.2982



Tritanopia

57.4971, 0.3617, 0.3144

Trichromacy



Original Color

57.4109, 0.3395, 0.2773



Protanomaly

57.1792, 0.2980, 0.2781



Deuteranomaly

57.4629, 0.3169, 0.2906



Tritanomaly

57.3919, 0.3534, 0.3009

Monochromacy



Original Color

57.4109, 0.3395, 0.2773



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.0756, 0.3217, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4109, 0.3395, 0.2773 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, 175, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 226)  
}
```

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, 175, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 226) }
```

Border

The CSS property to change the border of an element to Yxy 57.4109, 0.3395, 0.2773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

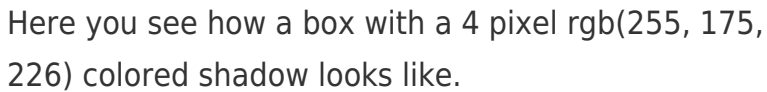
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 226) }
```

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

```
.border{ border-color:rgb(255, 175, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 175, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 175, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 175, 226); box-shadow:4px 4px 4px 4px rgb(255, 175, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4109, 0.3395, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 226) }
```

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

```
.background{ background-color: rgb(255,  
175, 226) }
```

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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