

Converting Colors

$Y_{xy}(55.3058, 0.3387, 0.2697)$

Have a look what the booklet for
Yxy(55.3058, 0.3387, 0.2697)
contains.

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Color

Yxy(55.2374, 0.3386, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9E4
RGB	255, 169, 228
RGB Percent	100%, 66%, 89%
CMY	0.0000, 0.3372, 0.1060
CMYK	0.00, 0.34, 0.11, 0.00
HSL	319°, 100%, 83%
HSV	319°, 34%, 100%
XYZ	69.4261, 55.2374, 80.3751
YIQ	201.4400, 32.3170, 36.5810

Conversions

Conversions Part 2

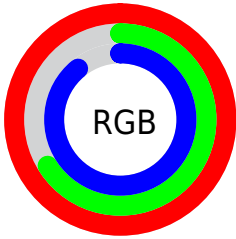
Format	Color
R _Y B	255, 169, 228
Decimal	16755172
CIE Lab	79.18, 40.05, -16.65
CIE LCh	79, 43.371, 337.421
Yxy	55.2374, 0.3386, 0.2694
Android (android.graphics.Color)	4294945252 (0xFFFFA9E4)
YUV	201.4400, 13.0941, 46.9721
Hunter-Lab	74.3219, 36.6784, -12.0937

Details

The Yxy color $55.2374, 0.3386, 0.2694$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $83.9414, 0.2940, 0.3974$, and the grayscale version is $58.5992, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3304, 0.3141, 0.2999$, and $27.1489, 0.3440, 0.2545$ is the 20% darker color. If you saturate the color by 10%, you get $46.2236, 0.3491, 0.2519$, and if you desaturate by 10%, it is $66.1269, 0.3295, 0.2875$.

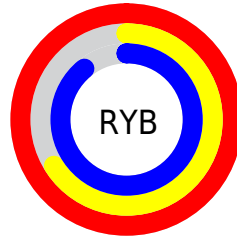
Distribution



Red (100%)

Green (66%)

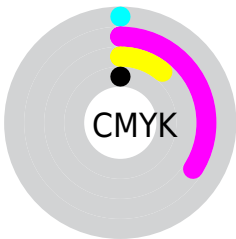
Blue (89%)



Red (100%)

Yellow (66%)

Blue (89%)

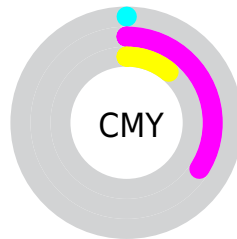


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2374, 0.3386, 0.2694 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 55.2374, 0.3386, 0.2694 by changing the saturation by 10% instead.

 55.2374, 0.3386,
0.2694

 55.2374, 0.3386,
0.2694

406.8112, 0.3267,
0.2968

 39.5918, 0.3413,
0.2632

 97.8887, 0.3345,
0.2789

 27.2204, 0.3446,
0.2556


125.6632, 0.3329,
0.2826

 17.7388, 0.3487,
0.2460


158.2495, 0.3315,
0.2858

 10.7627, 0.3540,
0.2335

196.0319, 0.3303,
0.2885

 5.9075, 0.3611,
0.2168

239.3949, 0.3293,
0.2910

 2.7889, 0.3710,
0.1933

288.7229, 0.3283,

 1.0225, 0.3857,

0.2931

0.1582

344.4002, 0.3275,
0.2951

■ 0.0000, 0.4550,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2374, 0.3386,
0.2694

■ 55.2374, 0.3386,
0.2694

■ 46.2236, 0.3491,
0.2519

■ 66.1269, 0.3295,
0.2875

■ 38.9696, 0.3608,
0.2359

■ 78.9842, 0.3216,
0.3054

■ 33.3587, 0.3735,
0.2225

■ 93.9040, 0.3149,
0.3228

■ 29.2563, 0.3870,
0.2128

99.9992, 0.3127,
0.3290

■ 26.5068, 0.4007,
0.2078

■ 24.9201, 0.4142,
0.2079

■ 24.3476, 0.4224,
0.2101

Harmonies

Analogous

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



55.2374, 0.2812, 0.2455



55.2374, 0.3386, 0.2694



55.2374, 0.3928, 0.3065

Triad

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



55.2374, 0.3386, 0.2694



55.2374, 0.3882, 0.4256



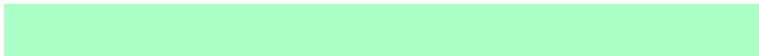
55.2374, 0.2128, 0.2913

Complementary

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



55.2374, 0.3386, 0.2694



83.9414, 0.2940, 0.3974

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.



55.2374, 0.2362, 0.3465



55.2374, 0.3386, 0.2694



55.2374, 0.3363, 0.4318

Square

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



55.2374, 0.3386, 0.2694



55.2374, 0.4214, 0.3935



55.2374, 0.2807, 0.4019



55.2374, 0.2133, 0.2541

Rectangle

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



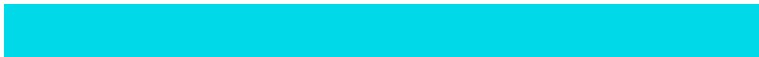
55.2374, 0.3386, 0.2694



55.2374, 0.4172, 0.3354



55.2374, 0.2807, 0.4019



55.2374, 0.2180, 0.3083

Sweetspot

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



55.2399, 0.3386, 0.2694



84.2901, 0.3190, 0.3120



47.1776, 0.2698, 0.2327



17.6053, 0.3200, 0.3095



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.



55.2399, 0.3386, 0.2694



49.3666, 0.3450, 0.2583



53.1946, 0.3762, 0.3112



18.1974, 0.3186, 0.3128



12.7509, 0.4203, 0.2089



1.2613, 0.4061, 0.2011

Inverse Universe

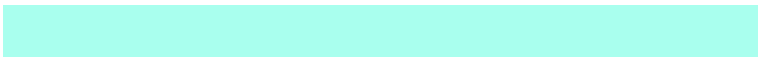
The Inverse Universe completely reimagines the original color for something new.



55.2399, 0.3386, 0.2694



49.3666, 0.3450, 0.2583



86.1151, 0.2729, 0.3480



18.1974, 0.3186, 0.3128



12.7509, 0.4203, 0.2089



1.2613, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 55.2374, 0.3386, 0.2694 looks on a white background.

Color Contrast Check

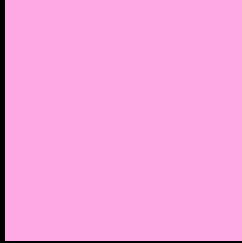
Large Text (above 18pt) WCAG AA × Fail

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 55.2374, 0.3386, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

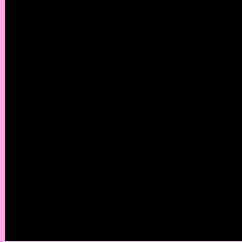
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2374, 0.3386, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 55.2374, 0.3386, 0.2694.



This preview shows how white text looks on a background with the Yxy color 55.2374, 0.3386, 0.2694.

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

55.2374, 0.3386, 0.2694

Protanopia

55.8131, 0.2710, 0.2712

Deuteranopia

55.3399, 0.2981, 0.2909



Tritanopia

55.0924, 0.3665, 0.3143

Trichromacy



Original Color

55.2374, 0.3386, 0.2694



Protanomaly

55.0514, 0.2929, 0.2700



Deuteranomaly

54.8328, 0.3125, 0.2825



Tritanomaly

54.9422, 0.3563, 0.2967

Monochromacy



Original Color

55.2374, 0.3386, 0.2694



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.4705, 0.3220, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2374, 0.3386, 0.2694 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, 169, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 228)  
}
```

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, 169, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 228) }
```

Border

The CSS property to change the border of an element to Yxy 55.2374, 0.3386, 0.2694 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, 169, 228) }
```

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

```
.border{ border-color:rgb(255, 169, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2374, 0.3386, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 228) }
```

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

```
.background{ background-color: rgb(255,  
169, 228) }
```

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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