

Converting Colors

Yxy(54.6927, 0.3428, 0.2731)

Have a look what the booklet for
Yxy(54.6927, 0.3428, 0.2731)
contains.

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Color

Yxy(54.5930, 0.3430, 0.2731)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8DF
RGB	255, 168, 223
RGB Percent	100%, 66%, 87%
CMY	0.0000, 0.3412, 0.1255
CMYK	0.00, 0.34, 0.13, 0.00
HSL	322°, 100%, 83%
HSV	322°, 34%, 100%
XYZ	68.5661, 54.5930, 76.7420
YIQ	200.2830, 34.1970, 35.5490

Conversions

Conversions Part 2

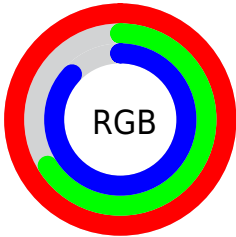
Format	Color
R _Y B	255, 168, 223
Decimal	16754911
CIE Lab	78.81, 39.78, -14.53
CIE LCh	79, 42.351, 339.938
Yxy	54.5930, 0.3430, 0.2731
Android (android.graphics.Color)	4294944991 (0xFFFFA8DF)
YUV	200.2830, 11.1995, 47.9868
Hunter-Lab	73.8871, 36.3429, -9.8600

Details

The Yxy color **54.5930, 0.3430, 0.2731** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.0143, 0.2914, 0.3927**, and the grayscale version is **57.8555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **26.7321, 0.3501, 0.2592** is the 20% darker color. If you saturate the color by 10%, you get **45.5911, 0.3553, 0.2568**, and if you desaturate by 10%, it is **65.4690, 0.3323, 0.2899**.

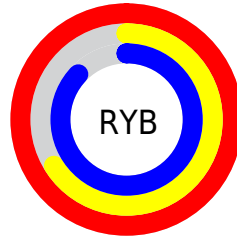
Distribution



Red (100%)

Green (66%)

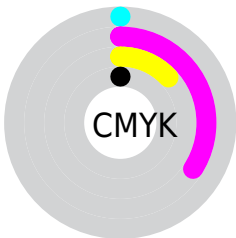
Blue (87%)



Red (100%)

Yellow (66%)

Blue (87%)

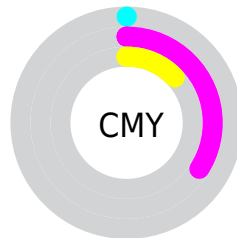


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5930, 0.3430, 0.2731 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 54.5930, 0.3430, 0.2731 by changing the saturation by 10% instead.


 54.5930, 0.3430,
0.2731


 54.5930, 0.3430,
0.2731

404.3673, 0.3289,
0.2990

 39.0760, 0.3462,
0.2672

 96.9444, 0.3381,
0.2821

 26.8188, 0.3502,
0.2599


 124.5475, 0.3362,
0.2856

 17.4372, 0.3553,
0.2507


156.9481, 0.3346,
0.2886

 10.5467, 0.3620,
0.2388

194.5306, 0.3331,
0.2912

 5.7629, 0.3710,
0.2226

237.6794, 0.3319,
0.2935

 2.7015, 0.3841,
0.1996

286.7788, 0.3308,

 0.9779, 0.4043,

0.2955

0.1647

342.2133, 0.3298,
0.2973

■ 0.0000, 0.4924,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5930, 0.3430,
0.2731

■ 54.5930, 0.3430,
0.2731

■ 45.5911, 0.3553,
0.2568

■ 65.4690, 0.3323,
0.2899

■ 38.3543, 0.3693,
0.2420

■ 78.3190, 0.3232,
0.3066

■ 32.7625, 0.3847,
0.2297

■ 93.2358, 0.3155,
0.3226

■ 28.6804, 0.4011,
0.2212

100.0000, 0.3127,
0.3290

■ 25.9511, 0.4178,
0.2175

■ 24.3825, 0.4344,
0.2190

■ 23.8416, 0.4439,
0.2219

Harmonies

Analogous

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



54.5930, 0.2862, 0.2482



54.5930, 0.3430, 0.2731



54.5930, 0.3949, 0.3104

Triad

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



54.5930, 0.3430, 0.2731



54.5930, 0.3831, 0.4255



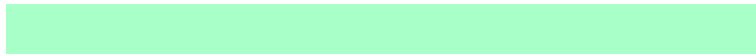
54.5930, 0.2137, 0.2883

Complementary

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



54.5930, 0.3430, 0.2731



84.0143, 0.2914, 0.3927

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.



54.5930, 0.2349, 0.3413



54.5930, 0.3430, 0.2731



54.5930, 0.3313, 0.4286

Square

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



54.5930, 0.3430, 0.2731



54.5930, 0.4177, 0.3957



54.5930, 0.2771, 0.3964



54.5930, 0.2161, 0.2534

Rectangle

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



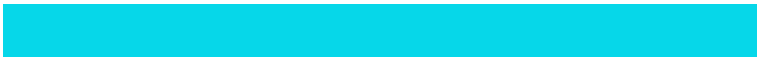
54.5930, 0.3430, 0.2731



54.5930, 0.4172, 0.3391



54.5930, 0.2771, 0.3964



54.5930, 0.2182, 0.3044

Sweetspot

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



54.5931, 0.3430, 0.2731



84.2065, 0.3199, 0.3133



47.4903, 0.2735, 0.2326



17.5851, 0.3210, 0.3110



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.



54.5931, 0.3430, 0.2731



48.2033, 0.3513, 0.2618



52.5438, 0.3827, 0.3170



18.1804, 0.3195, 0.3141



12.4875, 0.4413, 0.2205



1.2369, 0.4239, 0.2109

Inverse Universe

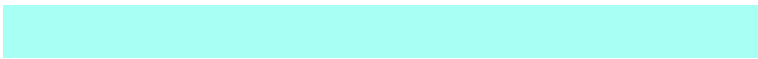
The Inverse Universe completely reimagines the original color for something new.



54.5931, 0.3430, 0.2731



48.2033, 0.3513, 0.2618



86.3400, 0.2697, 0.3417



18.1804, 0.3195, 0.3141



12.4875, 0.4413, 0.2205



1.2369, 0.4239, 0.2109

Previews

White Background



This preview shows how the Yxy color 54.5930, 0.3430, 0.2731 looks on a white background.

Color Contrast Check

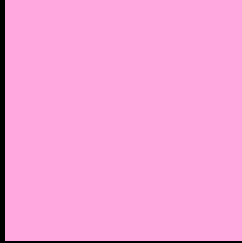
Large Text (above 18pt) WCAG AA × Fail

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 54.5930, 0.3430, 0.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

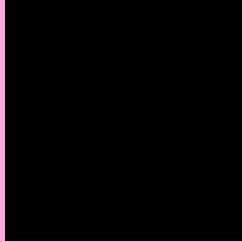
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5930, 0.3430, 0.2731

Background



This preview shows how black text looks on a background with the Yxy color 54.5930, 0.3430, 0.2731.



This preview shows how white text looks on a background with the Yxy color 54.5930, 0.3430, 0.2731.

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

54.5930, 0.3430, 0.2731

Protanopia

55.1891, 0.2746, 0.2754

Deuteranopia

54.6379, 0.3016, 0.2952



Tritanopia

54.8000, 0.3694, 0.3154

Trichromacy



Original Color

54.5930, 0.3430, 0.2731



Protanomaly

54.3401, 0.2963, 0.2740



Deuteranomaly

54.1528, 0.3164, 0.2866



Tritanomaly

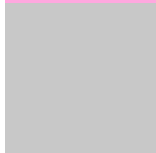
54.4175, 0.3592, 0.2987

Monochromacy



Original Color

54.5930, 0.3430, 0.2731



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.7361, 0.3236, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5930, 0.3430, 0.2731 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, 168, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 223)  
}
```

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, 168, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 223) }
```

Border

The CSS property to change the border of an element to Yxy 54.5930, 0.3430, 0.2731 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, 168, 223) }
```

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

```
.border{ border-color:rgb(255, 168, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 168, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 168, 223); box-shadow:4px 4px 4px 4px rgb(255, 168, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5930, 0.3430, 0.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 223) }
```

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

```
.background{ background-color: rgb(255,  
168, 223) }
```

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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