

Converting Colors

Yxy(56.8926, 0.3382, 0.2739)

Have a look what the booklet for
Yxy(56.8926, 0.3382, 0.2739)
contains.

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Color

Yxy(56.7486, 0.3381, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	FFADEC
RGB	255, 173, 228
RGB Percent	100%, 68%, 89%
CMY	0.0001, 0.3215, 0.1060
CMYK	0.00, 0.32, 0.11, 0.00
HSL	320°, 100%, 84%
HSV	320°, 32%, 100%
XYZ	70.1781, 56.7486, 80.6395
YIQ	203.7880, 31.2170, 34.4890

Conversions

Conversions Part 2

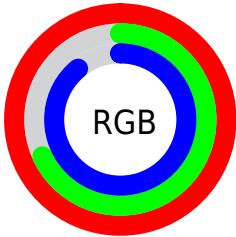
Format	Color
R _Y B	255, 173, 228
Decimal	16756196
CIE Lab	80.04, 37.96, -15.37
CIE LCh	80, 40.952, 337.960
Yxy	56.7486, 0.3381, 0.2734
Android (android.graphics.Color)	4294946276 (0xFFFFA4E4)
YUV	203.7880, 11.9365, 44.9129
Hunter-Lab	75.3317, 34.4582, -10.7354

Details

The Yxy color **56.7486, 0.3381, 0.2734** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.5621, 0.2941, 0.3922**, and the grayscale version is **60.1526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **28.0811, 0.3434, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **47.4314, 0.3488, 0.2561**, and if you desaturate by 10%, it is **67.9595, 0.3288, 0.2911**.

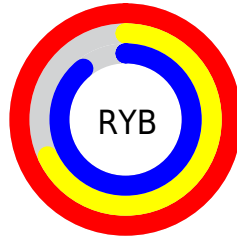
Distribution



Red (100%)

Green (68%)

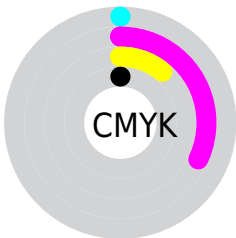
Blue (89%)



Red (100%)

Yellow (68%)

Blue (89%)

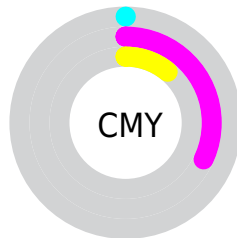


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7486, 0.3381, 0.2734 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 56.7486, 0.3381, 0.2734 by changing the saturation by 10% instead.


 56.7486, 0.3381,
0.2734

 56.7486, 0.3381,
0.2734


412.5066, 0.3265,
0.2990

 40.8034, 0.3407,
0.2676

 100.0983, 0.3341,
0.2822

 28.1655, 0.3440,
0.2605


128.2716, 0.3325,
0.2857

 18.4505, 0.3480,
0.2515


161.2897, 0.3312,
0.2886

 11.2739, 0.3533,
0.2399

199.5370, 0.3300,
0.2912

 6.2514, 0.3604,
0.2243

243.3980, 0.3289,
0.2935

 2.9985, 0.3704,
0.2022


293.2570, 0.3280,

 1.1310, 0.3853,


0.2955

0.1692

349.4984, 0.3272,
0.2973


 0.0042, 0.4619,
0.0021


 0.0000, 0.0000,
0.0000


 56.7486, 0.3381,
0.2734


 56.7486, 0.3381,
0.2734


 47.4314, 0.3488,
0.2561


 67.9595, 0.3288,
0.2911

 39.8934, 0.3610,
0.2401

 81.1547, 0.3208,
0.3087

 34.0196, 0.3743,
0.2265

 96.4282, 0.3140,
0.3255

 29.6784, 0.3884,
0.2164

99.9954, 0.3127,
0.3290

■ 26.7179, 0.4030,
0.2109

■ 24.9550, 0.4174,
0.2105

■ 24.1954, 0.4284,
0.2133

Harmonies

Analogous

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



56.7486, 0.2842, 0.2504



56.7486, 0.3381, 0.2734



56.7486, 0.3884, 0.3088

Triad

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



56.7486, 0.3381, 0.2734



56.7486, 0.3831, 0.4201



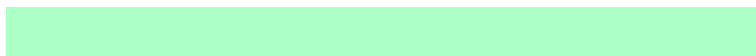
56.7486, 0.2185, 0.2932

Complementary

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



56.7486, 0.3381, 0.2734



84.5621, 0.2941, 0.3922

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.



56.7486, 0.2404, 0.3446



56.7486, 0.3381, 0.2734



56.7486, 0.3343, 0.4246

Square

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



56.7486, 0.3381, 0.2734



56.7486, 0.4144, 0.3908



56.7486, 0.2821, 0.3960



56.7486, 0.2192, 0.2583

Rectangle

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



56.7486, 0.3381, 0.2734



56.7486, 0.4109, 0.3362



56.7486, 0.2821, 0.3960



56.7486, 0.2233, 0.3091

Sweetspot

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



56.7512, 0.3381, 0.2734



84.2665, 0.3192, 0.3123



49.2523, 0.2733, 0.2380



17.5996, 0.3202, 0.3099



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.



56.7512, 0.3381, 0.2734



50.1732, 0.3453, 0.2614



54.7836, 0.3734, 0.3134



18.1926, 0.3189, 0.3132



12.6741, 0.4261, 0.2121



1.2542, 0.4110, 0.2038

Inverse Universe

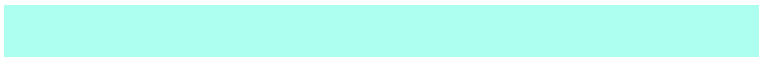
The Inverse Universe completely reimagines the original color for something new.



56.7512, 0.3381, 0.2734



50.1732, 0.3453, 0.2614



86.6796, 0.2739, 0.3455



18.1926, 0.3189, 0.3132



12.6741, 0.4261, 0.2121



1.2542, 0.4110, 0.2038

Previews

White Background



This preview shows how the Yxy color 56.7486, 0.3381, 0.2734 looks on a white background.

Color Contrast Check

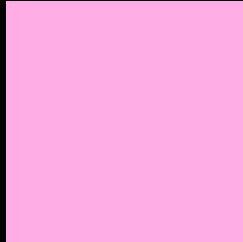
Large Text (above 18pt) WCAG AA × Fail

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 56.7486, 0.3381, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

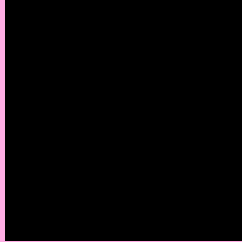
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7486, 0.3381, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 56.7486, 0.3381, 0.2734.



This preview shows how white text looks on a background with the Yxy color 56.7486, 0.3381, 0.2734.

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

56.7486, 0.3381, 0.2734

Protanopia

57.1555, 0.2745, 0.2750

Deuteranopia

57.0872, 0.3004, 0.2946



Tritanopia

56.5997, 0.3639, 0.3144

Trichromacy



Original Color

56.7486, 0.3381, 0.2734



Protanomaly

56.1365, 0.2951, 0.2735



Deuteranomaly

56.4013, 0.3139, 0.2861



Tritanomaly

56.5960, 0.3538, 0.2988

Monochromacy



Original Color

56.7486, 0.3381, 0.2734



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.6320, 0.3218, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7486, 0.3381, 0.2734 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, 173, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 228) }
```

Border

The CSS property to change the border of an element to Yxy 56.7486, 0.3381, 0.2734 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, 173, 228) }
```

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

```
.border{ border-color:rgb(255, 173, 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, 173, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 173, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 173, 228); box-shadow:4px 4px 4px 4px rgb(255, 173, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7486, 0.3381, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 228) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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