

Converting Colors

$Y_{xy}(56.8675, 0.3386, 0.2744)$

Have a look what the booklet for
Yxy(56.8675, 0.3386, 0.2744)
contains.

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Color

Yxy(56.6932, 0.3389, 0.2743)

Conversions

Conversions Part 1

Format	Color
Hex	FFADEC
RGB	255, 173, 227
RGB Percent	100%, 68%, 89%
CMY	0.0001, 0.3215, 0.1097
CMYK	0.00, 0.32, 0.11, 0.00
HSL	320°, 100%, 84%
HSV	320°, 32%, 100%
XYZ	70.0449, 56.6932, 79.9451
YIQ	203.6740, 31.5380, 34.1780

Conversions

Conversions Part 2

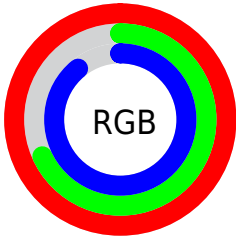
Format	Color
R _Y B	255, 173, 227
Decimal	16756195
CIE Lab	80.01, 37.81, -14.90
CIE LCh	80, 40.638, 338.490
Yxy	56.6932, 0.3389, 0.2743
Android (android.graphics.Color)	4294946275 (0xFFFFAEE3)
YUV	203.6740, 11.4997, 45.0129
Hunter-Lab	75.2949, 34.2880, -10.2453

Details

The Yxy color **56.6932, 0.3389, 0.2743** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.6055, 0.2936, 0.3911**, and the grayscale version is **60.0804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **28.0425, 0.3445, 0.2606** is the 20% darker color. If you saturate the color by 10%, you get **47.3635, 0.3500, 0.2573**, and if you desaturate by 10%, it is **67.9181, 0.3293, 0.2918**.

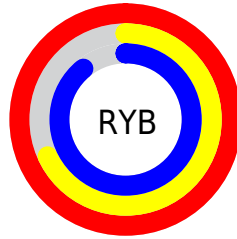
Distribution



Red (100%)

Green (68%)

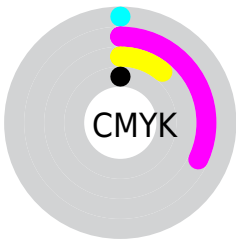
Blue (89%)



Red (100%)

Yellow (68%)

Blue (89%)

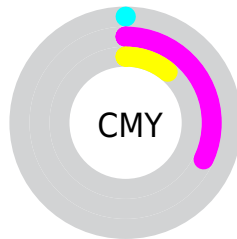


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6932, 0.3389, 0.2743 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 56.6932, 0.3389, 0.2743 by changing the saturation by 10% instead.


 56.6932, 0.3389,
0.2743

 56.6932, 0.3389,
0.2743

412.2987, 0.3268,
0.2995

 40.7590, 0.3416,
0.2686


 100.0174, 0.3347,
0.2830

 28.1308, 0.3450,
0.2616

128.1761, 0.3331,
0.2864

 18.4243, 0.3493,
0.2527


161.1785, 0.3317,
0.2893

 11.2550, 0.3548,
0.2412

199.4089, 0.3305,
0.2919

 6.2386, 0.3622,
0.2258

243.2518, 0.3294,
0.2941

 2.9907, 0.3728,
0.2039


293.0914, 0.3285,

 1.1269, 0.3887,


0.2961


0.1710


349.3122, 0.3276,
0.2979


 0.0007, 0.4698,
0.0004


 0.0000, 0.0000,
0.0000


 56.6932, 0.3389,
0.2743


 56.6932, 0.3389,
0.2743


 47.3635, 0.3500,
0.2573


 67.9181, 0.3293,
0.2918

 39.8145, 0.3626,
0.2415

 81.1289, 0.3210,
0.3090

 33.9313, 0.3764,
0.2281

 96.4196, 0.3141,
0.3256

 29.5820, 0.3912,
0.2182

99.9954, 0.3127,
0.3290

■ 26.6149, 0.4064,
0.2130

■ 24.8467, 0.4215,
0.2128

■ 24.0840, 0.4330,
0.2159

Harmonies

Analogous

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



56.6932, 0.2853, 0.2512



56.6932, 0.3389, 0.2743



56.6932, 0.3886, 0.3096

Triad

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



56.6932, 0.3389, 0.2743



56.6932, 0.3819, 0.4197



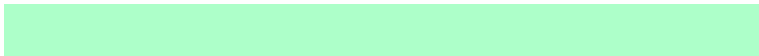
56.6932, 0.2189, 0.2928

Complementary

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



56.6932, 0.3389, 0.2743



84.6055, 0.2936, 0.3911

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.



56.6932, 0.2403, 0.3435



56.6932, 0.3389, 0.2743



56.6932, 0.3332, 0.4236

Square

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



56.6932, 0.3389, 0.2743



56.6932, 0.4133, 0.3911



56.6932, 0.2814, 0.3947



56.6932, 0.2200, 0.2584

Rectangle

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



56.6932, 0.3389, 0.2743



56.6932, 0.4106, 0.3370



56.6932, 0.2814, 0.3947



56.6932, 0.2236, 0.3084

Sweetspot

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



56.6958, 0.3389, 0.2743



84.2483, 0.3194, 0.3126



49.4367, 0.2743, 0.2383



17.5952, 0.3205, 0.3103



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.



56.6958, 0.3389, 0.2743



50.1115, 0.3464, 0.2625



54.7220, 0.3746, 0.3149



18.1889, 0.3191, 0.3135



12.6162, 0.4307, 0.2146



1.2489, 0.4149, 0.2059

Inverse Universe

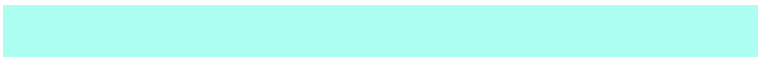
The Inverse Universe completely reimagines the original color for something new.



56.6958, 0.3389, 0.2743



50.1115, 0.3464, 0.2625



86.7601, 0.2732, 0.3439



18.1889, 0.3191, 0.3135



12.6162, 0.4307, 0.2146



1.2489, 0.4149, 0.2059

Previews

White Background



This preview shows how the Yxy color 56.6932, 0.3389, 0.2743 looks on a white background.

Color Contrast Check

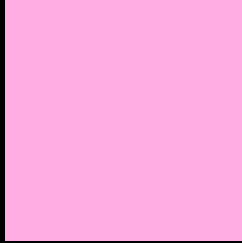
Large Text (above 18pt) WCAG AA × Fail

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 56.6932, 0.3389, 0.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

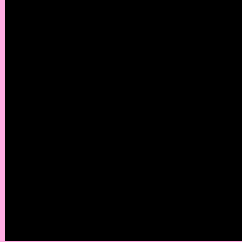
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6932, 0.3389, 0.2743

Background



This preview shows how black text looks on a background with the Yxy color 56.6932, 0.3389, 0.2743.



This preview shows how white text looks on a background with the Yxy color 56.6932, 0.3389, 0.2743.

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

56.6932, 0.3389, 0.2743

Protanopia

57.0949, 0.2751, 0.2761

Deuteranopia

57.1767, 0.3018, 0.2958



Tritanopia

56.5997, 0.3639, 0.3144

Trichromacy



Original Color

56.6932, 0.3389, 0.2743



Protanomaly

56.0779, 0.2958, 0.2745



Deuteranomaly

56.3469, 0.3147, 0.2871



Tritanomaly

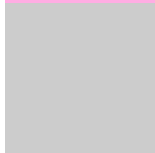
56.5475, 0.3547, 0.2999

Monochromacy



Original Color

56.6932, 0.3389, 0.2743



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.5814, 0.3225, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6932, 0.3389, 0.2743 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 227) }
```

Border

The CSS property to change the border of an element to Yxy 56.6932, 0.3389, 0.2743 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, 227) }
```

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

```
.border{ border-color:rgb(255, 173, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6932, 0.3389, 0.2743 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
173, 227) }
```

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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