

Converting Colors

$Yxy(83.6970, 0.4337, 0.2873)$

Have a look what the booklet for
Yxy(83.6970, 0.4337, 0.2873)
contains.

Yxy(54.0234, 0.3407, 0.2683)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0234, 0.3407, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6E2
RGB	255, 166, 226
RGB Percent	100%, 65%, 89%
CMY	0.0000, 0.3490, 0.1139
CMYK	0.00, 0.35, 0.11, 0.00
HSL	320°, 100%, 83%
HSV	320°, 35%, 100%
XYZ	68.6015, 54.0234, 78.7296
YIQ	199.4510, 33.7840, 37.5280

Conversions

Conversions Part 2

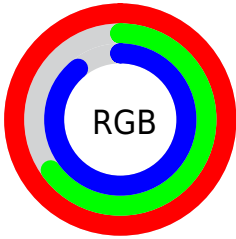
Format	Color
R _Y B	255, 166, 226
Decimal	16754402
CIE Lab	78.48, 41.28, -16.62
CIE LCh	78, 44.505, 338.070
Yxy	54.0234, 0.3407, 0.2683
Android (android.graphics.Color)	4294944482 (0xFFFFA6E2)
YUV	199.4510, 13.0887, 48.7165
Hunter-Lab	73.5006, 37.9761, -12.0576

Details

The Yxy color **54.0234, 0.3407, 0.2683** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.5704, 0.2928, 0.3990**, and the grayscale version is **57.3053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **26.3989, 0.3468, 0.2531** is the 20% darker color. If you saturate the color by 10%, you get **45.2075, 0.3517, 0.2512**, and if you desaturate by 10%, it is **64.6998, 0.3311, 0.2861**.

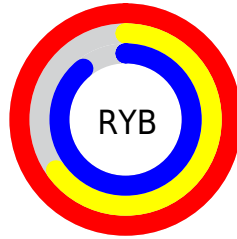
Distribution



Red (100%)

Green (65%)

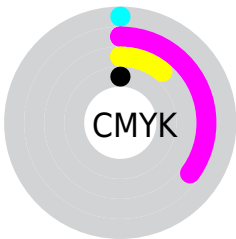
Blue (89%)



Red (100%)

Yellow (65%)

Blue (89%)

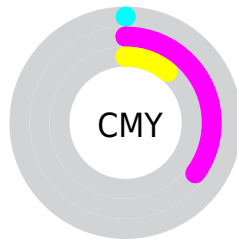


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0234, 0.3407, 0.2683 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 54.0234, 0.3407, 0.2683 by changing the saturation by 10% instead.


 54.0234, 0.3407,
0.2683


 54.0234, 0.3407,
0.2683


402.1992, 0.3278,
0.2963

 38.6204, 0.3436,
0.2619


 96.1086, 0.3362,
0.2780

 26.4645, 0.3472,
0.2541


 123.5596, 0.3345,
0.2818

 17.1715, 0.3518,
0.2443


155.7953, 0.3330,
0.2850

 10.3568, 0.3576,
0.2315

193.2002, 0.3317,
0.2879

 5.6362, 0.3655,
0.2142

236.1586, 0.3305,
0.2903

 2.6251, 0.3767,
0.1899

285.0550, 0.3295,

 0.9393, 0.3933,

0.2926

0.1536

340.2738, 0.3286,
0.2945

0.0000, 0.4641,
0.0000

0.0000, 0.0000,
0.0000

54.0234, 0.3407,
0.2683

54.0234, 0.3407,
0.2683

45.2075, 0.3517,
0.2512

64.6998, 0.3311,
0.2861

38.1419, 0.3641,
0.2357

77.3365, 0.3228,
0.3038

32.7059, 0.3775,
0.2229

92.0269, 0.3157,
0.3209

28.7629, 0.3917,
0.2139

100.0000, 0.3127,
0.3290

■ 26.1539, 0.4061,
0.2097

■ 24.6833, 0.4201,
0.2107

■ 24.2298, 0.4272,
0.2127

Harmonies

Analogous

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



54.0234, 0.2813, 0.2434



54.0234, 0.3407, 0.2683



54.0234, 0.3966, 0.3066

Triad

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



54.0234, 0.3407, 0.2683



54.0234, 0.3894, 0.4292



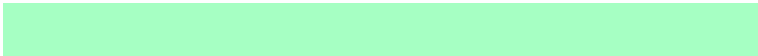
54.0234, 0.2096, 0.2888

Complementary

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



54.0234, 0.3407, 0.2683



83.5704, 0.2928, 0.3990

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.



54.0234, 0.2330, 0.3457



54.0234, 0.3407, 0.2683



54.0234, 0.3356, 0.4353

Square

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



54.0234, 0.3407, 0.2683



54.0234, 0.4245, 0.3961



54.0234, 0.2783, 0.4035



54.0234, 0.2106, 0.2511

Rectangle

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



54.0234, 0.3407, 0.2683



54.0234, 0.4213, 0.3363



54.0234, 0.2783, 0.4035



54.0234, 0.2147, 0.3062

Sweetspot

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



54.0236, 0.3407, 0.2683



84.2712, 0.3192, 0.3123



45.9895, 0.2691, 0.2292



17.6008, 0.3202, 0.3098



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.



54.0236, 0.3407, 0.2683



47.5781, 0.3484, 0.2560



51.9259, 0.3807, 0.3121



18.1936, 0.3188, 0.3131



12.6892, 0.4250, 0.2115



1.2556, 0.4100, 0.2033

Inverse Universe

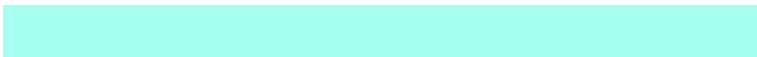
The Inverse Universe completely reimagines the original color for something new.



54.0236, 0.3407, 0.2683



47.5781, 0.3484, 0.2560



85.8412, 0.2710, 0.3471



18.1936, 0.3188, 0.3131



12.6892, 0.4250, 0.2115



1.2556, 0.4100, 0.2033

Previews

White Background



This preview shows how the Yxy color 54.0234, 0.3407, 0.2683 looks on a white background.

Color Contrast Check

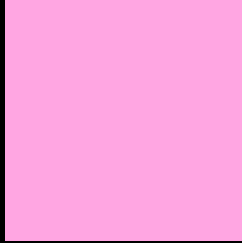
Large Text (above 18pt) WCAG AA × Fail

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 54.0234, 0.3407, 0.2683 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 54.0234, 0.3407, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 54.0234, 0.3407, 0.2683.



This preview shows how white text looks on a background with the Yxy color 54.0234, 0.3407, 0.2683.

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

54.0234, 0.3407, 0.2683

Protanopia

54.6167, 0.2700, 0.2696

Deuteranopia

54.5183, 0.2979, 0.2917



Tritanopia

53.7990, 0.3700, 0.3143

Trichromacy



Original Color

54.0234, 0.3407, 0.2683



Protanomaly

53.5367, 0.2934, 0.2685



Deuteranomaly

53.7476, 0.3133, 0.2822



Tritanomaly

53.6619, 0.3596, 0.2966

Monochromacy



Original Color

54.0234, 0.3407, 0.2683



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.2042, 0.3221, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0234, 0.3407, 0.2683 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, 166, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 226) }
```

Border

The CSS property to change the border of an element to Yxy 54.0234, 0.3407, 0.2683 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, 166, 226) }
```

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

```
.border{ border-color:rgb(255, 166, 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, 166, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 166, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 166, 226); box-shadow:4px 4px 4px 4px rgb(255, 166, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0234, 0.3407, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 226) }
```

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

```
.background{ background-color: rgb(255,  
166, 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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