

Converting Colors

$Y_{xy}(53.9757, 0.3400, 0.2673)$

Have a look what the booklet for
Yxy(53.9757, 0.3400, 0.2673)
contains.

Yxy(54.0785, 0.3398, 0.2673)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0785, 0.3398, 0.2673)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6E3
RGB	255, 166, 227
RGB Percent	100%, 65%, 89%
CMY	0.0000, 0.3490, 0.1098
CMYK	0.00, 0.35, 0.11, 0.00
HSL	319°, 100%, 83%
HSV	319°, 35%, 100%
XYZ	68.7463, 54.0785, 79.4891
YIQ	199.5650, 33.4630, 37.8390

Conversions

Conversions Part 2

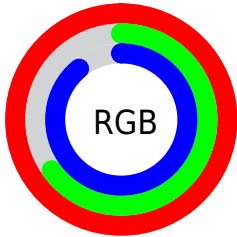
Format	Color
RYB	255, 166, 227
Decimal	16754403
CIELab	78.51, 41.46, -17.14
CIElCh	79, 44.865, 337.538
Yxy	54.0785, 0.3398, 0.2673
Android (android.graphics.Color)	4294944483 (0xFFFFA6E3)
YUV	199.5650, 13.5255, 48.6165
Hunter-Lab	73.5381, 38.1771, -12.6114

Details

The Yxy color $54.0785, 0.3398, 0.2673$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $83.5214, 0.2934, 0.4002$, and the grayscale version is $57.3756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7226, 0.3142, 0.2970$, and $26.4372, 0.3456, 0.2520$ is the 20% darker color. If you saturate the color by 10%, you get $45.2752, 0.3504, 0.2499$, and if you desaturate by 10%, it is $64.7382, 0.3305, 0.2853$.

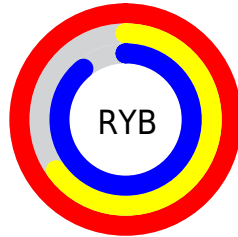
Distribution



Red (100%)

Green (65%)

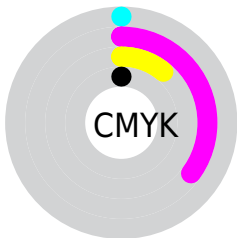
Blue (89%)



Red (100%)

Yellow (65%)

Blue (89%)

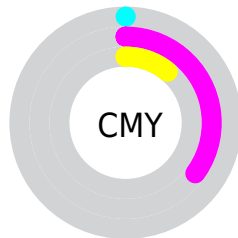


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0785, 0.3398, 0.2673 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 54.0785, 0.3398, 0.2673 by changing the saturation by 10% instead.


 54.0785, 0.3398,
0.2673

 54.0785, 0.3398,
0.2673


402.4093, 0.3274,
0.2957

 38.6644, 0.3426,
0.2609


 96.1895, 0.3355,
0.2771

 26.4988, 0.3461,
0.2529

 123.6552, 0.3338,
0.2810

 17.1971, 0.3504,
0.2430


155.9069, 0.3324,
0.2843

 10.3752, 0.3560,
0.2300

193.3290, 0.3311,
0.2871

 5.6484, 0.3635,
0.2126

236.3059, 0.3300,
0.2897

 2.6325, 0.3740,
0.1882

285.2220, 0.3290,

 0.9430, 0.3894,

0.2919

0.1517

340.4617, 0.3282,
0.2939

0.0000, 0.4562,
0.0000

0.0000, 0.0000,
0.0000

54.0785, 0.3398,
0.2673

54.0785, 0.3398,
0.2673

45.2752, 0.3504,
0.2499

64.7382, 0.3305,
0.2853

38.2219, 0.3623,
0.2342

77.3579, 0.3225,
0.3033

32.7966, 0.3751,
0.2212

92.0297, 0.3157,
0.3208

28.8628, 0.3887,
0.2120

100.0000, 0.3127,
0.3290

■ 26.2616, 0.4024,
0.2076

■ 24.7973, 0.4158,
0.2083

■ 24.3467, 0.4225,
0.2101

Harmonies

Analogous

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



54.0785, 0.2801, 0.2425



54.0785, 0.3398, 0.2673



54.0785, 0.3964, 0.3056

Triad

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



54.0785, 0.3398, 0.2673



54.0785, 0.3908, 0.4295



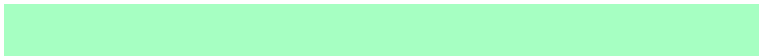
54.0785, 0.2090, 0.2893

Complementary

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



54.0785, 0.3398, 0.2673



83.5214, 0.2934, 0.4002

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.



54.0785, 0.2331, 0.3469



54.0785, 0.3398, 0.2673



54.0785, 0.3367, 0.4364

Square

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



54.0785, 0.3398, 0.2673



54.0785, 0.4257, 0.3958



54.0785, 0.2790, 0.4050



54.0785, 0.2097, 0.2509

Rectangle

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



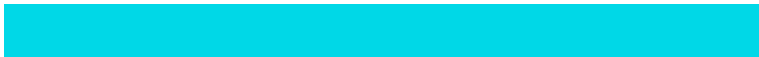
54.0785, 0.3398, 0.2673



54.0785, 0.4217, 0.3355



54.0785, 0.2790, 0.4050



54.0785, 0.2143, 0.3069

Sweetspot

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



54.0775, 0.3398, 0.2673



84.2898, 0.3190, 0.3120



45.7891, 0.2680, 0.2289



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.



54.0775, 0.3398, 0.2673



47.6455, 0.3472, 0.2549



51.9835, 0.3793, 0.3105



18.1974, 0.3186, 0.3128



12.7499, 0.4204, 0.2090



1.2612, 0.4062, 0.2011

Inverse Universe

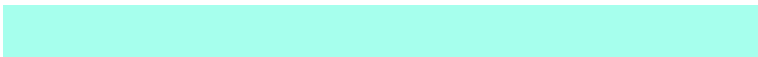
The Inverse Universe completely reimagines the original color for something new.



54.0775, 0.3398, 0.2673



47.6455, 0.3472, 0.2549



85.7527, 0.2717, 0.3488



18.1974, 0.3186, 0.3128



12.7499, 0.4204, 0.2090



1.2612, 0.4062, 0.2011

Previews

White Background



This preview shows how the Yxy color 54.0785, 0.3398, 0.2673 looks on a white background.

Color Contrast Check

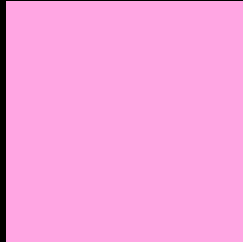
Large Text (above 18pt) WCAG AA × Fail

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 54.0785, 0.3398, 0.2673 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 54.0785, 0.3398, 0.2673

Background



This preview shows how black text looks on a background with the Yxy color 54.0785, 0.3398, 0.2673.



This preview shows how white text looks on a background with the Yxy color 54.0785, 0.3398, 0.2673.

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

54.0785, 0.3398, 0.2673

Protanopia

54.6776, 0.2694, 0.2686

Deuteranopia

54.4340, 0.2965, 0.2905



Tritanopia

54.1840, 0.3697, 0.3153

Trichromacy



Original Color

54.0785, 0.3398, 0.2673



Protanomaly

53.5953, 0.2927, 0.2674



Deuteranomaly

53.6452, 0.3117, 0.2810



Tritanomaly

54.0855, 0.3585, 0.2966

Monochromacy



Original Color

54.0785, 0.3398, 0.2673



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.8352, 0.3221, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0785, 0.3398, 0.2673 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 227) }
```

Border

The CSS property to change the border of an element to Yxy 54.0785, 0.3398, 0.2673 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, 227) }
```

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

```
.border{ border-color:rgb(255, 166, 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, 166, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 166, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 166, 227); box-shadow:4px 4px 4px 4px rgb(255, 166, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0785, 0.3398, 0.2673 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, 227) }
```

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

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