

Converting Colors

Yxy(53.4511, 0.3454, 0.2725)

Have a look what the booklet for
Yxy(53.4511, 0.3454, 0.2725)
contains.

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Color

Yxy(53.3907, 0.3452, 0.2720)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5DD
RGB	255, 165, 221
RGB Percent	100%, 65%, 87%
CMY	0.0000, 0.3530, 0.1333
CMYK	0.00, 0.35, 0.13, 0.00
HSL	323°, 100%, 82%
HSV	323°, 35%, 100%
XYZ	67.7591, 53.3907, 75.1396
YIQ	198.2940, 35.6640, 36.4960

Conversions

Conversions Part 2

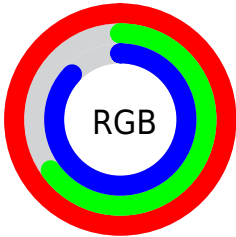
Format	Color
RYB	255, 165, 221
Decimal	16754141
CIELab	78.11, 41.04, -14.49
CIELCh	78, 43.520, 340.553
Yxy	53.3907, 0.3452, 0.2720
Android (android.graphics.Color)	4294944221 (0xFFFFA5DD)
YUV	198.2940, 11.1941, 49.7312
Hunter-Lab	73.0689, 37.6579, -9.8219

Details

The Yxy color **53.3907, 0.3452, 0.2720** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.6400, 0.2903, 0.3943**, and the grayscale version is **56.5664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.9924, 0.3531, 0.2579** is the 20% darker color. If you saturate the color by 10%, you get **44.5866, 0.3581, 0.2561**, and if you desaturate by 10%, it is **64.0445, 0.3340, 0.2885**.

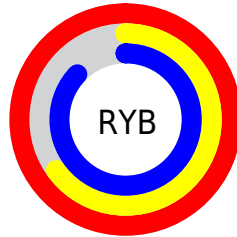
Distribution



Red (100%)

Green (65%)

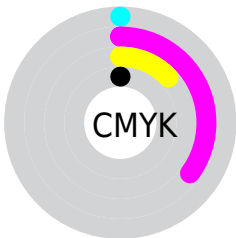
Blue (87%)



Red (100%)

Yellow (65%)

Blue (87%)

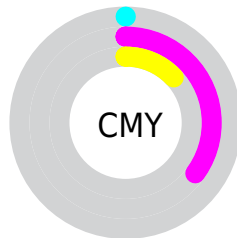


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (35%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3907, 0.3452, 0.2720 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 53.3907, 0.3452, 0.2720 by changing the saturation by 10% instead.


 53.3907, 0.3452,
0.2720


 53.3907, 0.3452,
0.2720

399.7823, 0.3300,
0.2985

 38.1148, 0.3487,
0.2660


 95.1790, 0.3399,
0.2812

 26.0718, 0.3531,
0.2585


 122.4602, 0.3378,
0.2848

 16.8773, 0.3586,
0.2490


154.5119, 0.3361,
0.2878

 10.1471, 0.3659,
0.2367

191.7186, 0.3345,
0.2905

 5.4966, 0.3758,
0.2200

234.4645, 0.3332,
0.2929

 2.5415, 0.3902,
0.1962

283.1342, 0.3320,

 0.8973, 0.4128,

0.2949

0.1600

338.1120, 0.3310,
0.2968

0.0000, 0.5056,
0.0000

0.0000, 0.0000,
0.0000

53.3907, 0.3452,
0.2720

53.3907, 0.3452,
0.2720

44.5866, 0.3581,
0.2561

64.0445, 0.3340,
0.2885

37.5422, 0.3726,
0.2417

76.6690, 0.3245,
0.3050

32.1291, 0.3887,
0.2300

91.3514, 0.3164,
0.3209

28.2099, 0.4057,
0.2222

100.0000, 0.3127,
0.3290

■ 25.6243, 0.4231,
0.2193

■ 24.1744, 0.4401,
0.2217

■ 23.7523, 0.4480,
0.2242

Harmonies

Analogous

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



53.3907, 0.2864, 0.2461



53.3907, 0.3452, 0.2720



53.3907, 0.3988, 0.3105

Triad

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



53.3907, 0.3452, 0.2720



53.3907, 0.3843, 0.4292



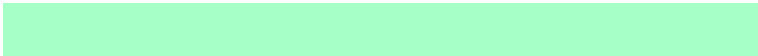
53.3907, 0.2104, 0.2857

Complementary

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



53.3907, 0.3452, 0.2720



83.6400, 0.2903, 0.3943

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.



53.3907, 0.2316, 0.3404



53.3907, 0.3452, 0.2720



53.3907, 0.3305, 0.4320

Square

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



53.3907, 0.3452, 0.2720



53.3907, 0.4207, 0.3984



53.3907, 0.2747, 0.3980



53.3907, 0.2134, 0.2504

Rectangle

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



53.3907, 0.3452, 0.2720



53.3907, 0.4214, 0.3401



53.3907, 0.2747, 0.3980



53.3907, 0.2148, 0.3023

Sweetspot

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



53.3840, 0.3452, 0.2720



82.7271, 0.3208, 0.3119



46.1277, 0.2718, 0.2289



17.2894, 0.3219, 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.



53.3840, 0.3452, 0.2720



47.2915, 0.3536, 0.2612



51.3372, 0.3862, 0.3166



18.1772, 0.3196, 0.3143



12.4410, 0.4453, 0.2227



1.2326, 0.4273, 0.2127

Inverse Universe

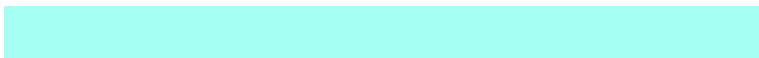
The Inverse Universe completely reimagines the original color for something new.



53.3840, 0.3452, 0.2720



47.2915, 0.3536, 0.2612



85.9882, 0.2684, 0.3422



18.1772, 0.3196, 0.3143



12.4410, 0.4453, 0.2227



1.2326, 0.4273, 0.2127

Previews

White Background



This preview shows how the Yxy color 53.3907, 0.3452, 0.2720 looks on a white background.

Color Contrast Check

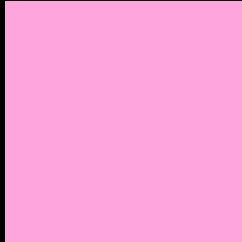
Large Text (above 18pt) WCAG AA × Fail

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 53.3907, 0.3452, 0.2720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

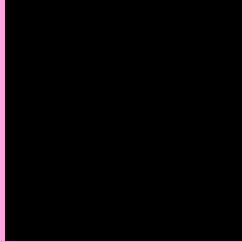
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3907, 0.3452, 0.2720

Background



This preview shows how black text looks on a background with the Yxy color 53.3907, 0.3452, 0.2720.



This preview shows how white text looks on a background with the Yxy color 53.3907, 0.3452, 0.2720.

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

53.3907, 0.3452, 0.2720

Protanopia

53.9985, 0.2736, 0.2738

Deuteranopia

53.3937, 0.3015, 0.2949



Tritanopia

53.5171, 0.3730, 0.3154

Trichromacy



Original Color

53.3907, 0.3452, 0.2720



Protanomaly

52.8374, 0.2969, 0.2725



Deuteranomaly

53.0766, 0.3172, 0.2864



Tritanomaly

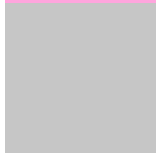
53.1486, 0.3626, 0.2987

Monochromacy



Original Color

53.3907, 0.3452, 0.2720



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.6341, 0.3246, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3907, 0.3452, 0.2720 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, 165, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 221)  
}
```

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, 165, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 221) }
```

Border

The CSS property to change the border of an element to Yxy 53.3907, 0.3452, 0.2720 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, 165, 221) }
```

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

```
.border{ border-color:rgb(255, 165, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3907, 0.3452, 0.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 221) }
```

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

```
.background{ background-color: rgb(255,  
165, 221) }
```

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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