

Converting Colors

Yxy(53.6910, 0.3653, 0.2990)

Have a look what the booklet for
Yxy(53.6910, 0.3653, 0.2990)
contains.

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Color

Yxy(53.7132, 0.3652, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9C6
RGB	255, 169, 198
RGB Percent	100%, 66%, 78%
CMY	0.0002, 0.3371, 0.2236
CMYK	0.00, 0.34, 0.22, 0.00
HSL	340°, 100%, 83%
HSV	340°, 34%, 100%
XYZ	65.6056, 53.7132, 60.3241
YIQ	198.0200, 41.9470, 27.2510

Conversions

Conversions Part 2

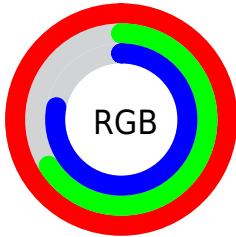
Format	Color
RYB	255, 169, 198
Decimal	16755142
CIELab	78.29, 35.44, -1.69
CIElCh	78, 35.479, 357.275
Yxy	53.7132, 0.3652, 0.2990
Android (android.graphics.Color)	4294945222 (0xFFFFA9C6)
YUV	198.0200, -0.0099, 49.9715
Hunter-Lab	73.2893, 31.5296, 2.5012

Details

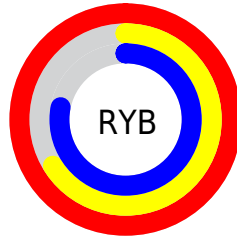
The Yxy color **53.7132, 0.3652, 0.2990** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.4184, 0.2787, 0.3616**, and the grayscale version is **56.4670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **26.3747, 0.3797, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **44.3972, 0.3886, 0.2901**, and if you desaturate by 10%, it is **64.9708, 0.3458, 0.3083**.

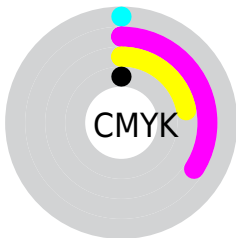
Distribution



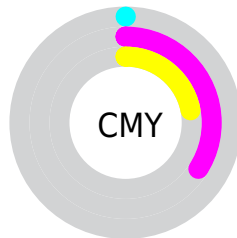
- Red (100%)
- Green (66%)
- Blue (78%)



- Red (100%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7132, 0.3652, 0.2990 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 53.7132, 0.3652, 0.2990 by changing the saturation by 10% instead.


 53.7132, 0.3652,
0.2990


 53.7132, 0.3652,
0.2990


401.0154, 0.3397,
0.3135

 38.3724, 0.3714,
0.2955


 95.6530, 0.3561,
0.3042

 26.2719, 0.3791,
0.2912


 123.0208, 0.3526,
0.3061

 17.0271, 0.3893,
0.2855


155.1665, 0.3497,
0.3078

 10.2538, 0.4031,
0.2778

192.4743, 0.3471,
0.3093

 5.5676, 0.4228,
0.2669

235.3287, 0.3449,
0.3105

 2.5840, 0.4532,
0.2503

284.1141, 0.3429,

 0.9186, 0.5059,

0.3116

0.2220

339.2149, 0.3412,
0.3126

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7132, 0.3652,
0.2990

■ 53.7132, 0.3652,
0.2990

■ 44.3972, 0.3886,
0.2901

■ 64.9708, 0.3458,
0.3083

■ 36.9044, 0.4161,
0.2822

■ 78.2643, 0.3299,
0.3173

■ 31.1154, 0.4476,
0.2764

■ 93.6909, 0.3169,
0.3260

■ 26.8928, 0.4819,
0.2741

99.9906, 0.3127,
0.3290

■ 24.0780, 0.5168,
0.2763

■ 22.4778, 0.5494,
0.2836

■ 21.9209, 0.5676,
0.2901

Harmonies

Analogous

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



53.7132, 0.3180, 0.2705



53.7132, 0.3652, 0.2990



53.7132, 0.3987, 0.3352

Triad

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



53.7132, 0.3652, 0.2990



53.7132, 0.3488, 0.4147



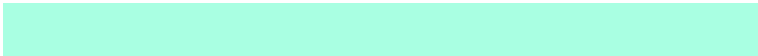
53.7132, 0.2266, 0.2757

Complementary

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



53.7132, 0.3652, 0.2990



85.4184, 0.2787, 0.3616

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.



53.7132, 0.2335, 0.3130



53.7132, 0.3652, 0.2990



53.7132, 0.3020, 0.3995

Square

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



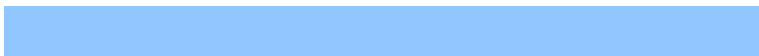
53.7132, 0.3652, 0.2990



53.7132, 0.3876, 0.4027



53.7132, 0.2602, 0.3599



53.7132, 0.2403, 0.2560

Rectangle

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



53.7132, 0.3652, 0.2990



53.7132, 0.4072, 0.3605



53.7132, 0.2602, 0.3599



53.7132, 0.2266, 0.2863

Sweetspot

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



53.7157, 0.3652, 0.2990



83.7542, 0.3248, 0.3206



51.5938, 0.2928, 0.2388



17.4758, 0.3267, 0.3194



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.



53.7157, 0.3652, 0.2990



47.6460, 0.3794, 0.2933



57.5404, 0.3878, 0.3428



18.0880, 0.3241, 0.3210



11.4840, 0.5633, 0.2877



1.1376, 0.5316, 0.2702

Inverse Universe

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



53.7157, 0.3652, 0.2990



47.6460, 0.3794, 0.2933



79.1975, 0.2629, 0.3146



18.0880, 0.3241, 0.3210



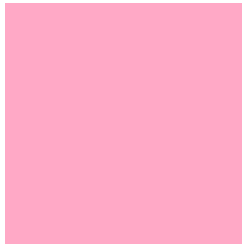
11.4840, 0.5633, 0.2877



1.1376, 0.5316, 0.2702

Previews

White Background



This preview shows how the Yxy color 53.7132, 0.3652, 0.2990 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 53.7132, 0.3652, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

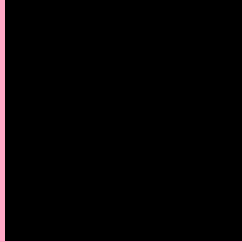
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7132, 0.3652, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 53.7132, 0.3652, 0.2990.



This preview shows how white text looks on a background with the Yxy color 53.7132, 0.3652, 0.2990.

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

53.7132, 0.3652, 0.2990

Protanopia

54.0999, 0.2981, 0.3061

Deuteranopia

53.9036, 0.3272, 0.3208



Tritanopia

53.4692, 0.3759, 0.3154

Trichromacy



Original Color

53.7132, 0.3652, 0.2990



Protanomaly

53.2330, 0.3206, 0.3025



Deuteranomaly

53.5272, 0.3410, 0.3121



Tritanomaly

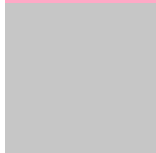
53.4944, 0.3724, 0.3092

Monochromacy



Original Color

53.7132, 0.3652, 0.2990



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.6779, 0.3308, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7132, 0.3652, 0.2990 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, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 198)  
}
```

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, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.7132, 0.3652, 0.2990 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, 169, 198) }
```

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

```
.border{ border-color:rgb(255, 169, 198) }
```

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

Here you see how a box with a 4 pixel rgb(255, 169, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7132, 0.3652, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 198) }
```

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

```
.background{ background-color: rgb(255,  
169, 198) }
```

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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