

Converting Colors

$Y_{xy}(64.0029, 0.3972, 0.2949)$

Have a look what the booklet for
Yxy(64.0029, 0.3972, 0.2949)
contains.

Yxy(53.7703, 0.3572, 0.2888)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.7703, 0.3572, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8CF
RGB	255, 168, 207
RGB Percent	100%, 66%, 81%
CMY	0.0000, 0.3412, 0.1882
CMYK	0.00, 0.34, 0.19, 0.00
HSL	333°, 100%, 83%
HSV	333°, 34%, 100%
XYZ	66.5054, 53.7703, 65.9096
YIQ	198.4590, 39.3330, 30.5730

Conversions

Conversions Part 2

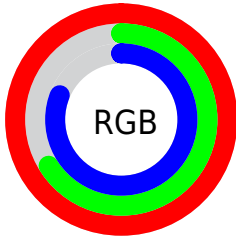
Format	Color
R _Y B	255, 168, 207
Decimal	16754895
CIE Lab	78.33, 37.31, -6.55
CIE LCh	78, 37.877, 350.041
Yxy	53.7703, 0.3572, 0.2888
Android (android.graphics.Color)	4294944975 (0xFFFFA8CF)
YUV	198.4590, 4.2107, 49.5865
Hunter-Lab	73.3282, 33.5670, -1.9618

Details

The Yxy color **53.7703, 0.3572, 0.2888** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.8026, 0.2832, 0.3735**, and the grayscale version is **56.7236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **26.4317, 0.3685, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **44.6045, 0.3763, 0.2770**, and if you desaturate by 10%, it is **64.8484, 0.3411, 0.3010**.

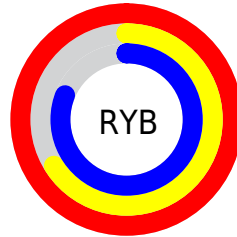
Distribution



Red (100%)

Green (66%)

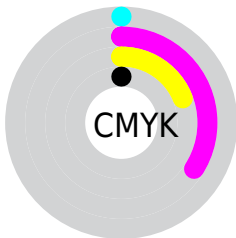
Blue (81%)



Red (100%)

Yellow (66%)

Blue (81%)

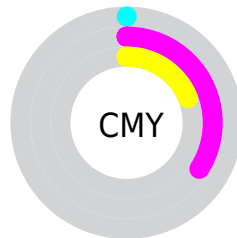


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7703, 0.3572, 0.2888 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 53.7703, 0.3572, 0.2888 by changing the saturation by 10% instead.

 53.7703, 0.3572,
0.2888


 53.7703, 0.3572,
0.2888

401.2335, 0.3358,
0.3079

 38.4181, 0.3623,
0.2843


 95.7369, 0.3496,
0.2955

 26.3073, 0.3687,
0.2788


 123.1200, 0.3467,
0.2981

 17.0537, 0.3770,
0.2716


155.2823, 0.3442,
0.3003

 10.2728, 0.3882,
0.2622

192.6080, 0.3421,
0.3022

 5.5802, 0.4041,
0.2490

235.4815, 0.3402,
0.3039

 2.5915, 0.4282,
0.2295

284.2874, 0.3386,

 0.9224, 0.4689,

0.3054

0.1980

339.4099, 0.3371,
0.3067

0.0000, 0.7413,
0.0000

0.0000, 0.0000,
0.0000

53.7703, 0.3572,
0.2888

53.7703, 0.3572,
0.2888

44.6045, 0.3763,
0.2770

64.8484, 0.3411,
0.3010

37.2335, 0.3986,
0.2664

77.9325, 0.3277,
0.3130

31.5385, 0.4239,
0.2581

93.1188, 0.3167,
0.3245

27.3829, 0.4513,
0.2535

99.9998, 0.3127,
0.3290

■ 24.6085, 0.4797,
0.2538

■ 23.0218, 0.5071,
0.2596

■ 22.4821, 0.5224,
0.2651

Harmonies

Analogous

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



53.7703, 0.3058, 0.2616



53.7703, 0.3572, 0.2888



53.7703, 0.3981, 0.3256

Triad

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



53.7703, 0.3572, 0.2888



53.7703, 0.3621, 0.4199



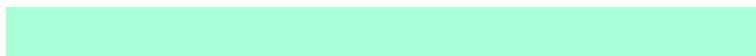
53.7703, 0.2211, 0.2799

Complementary

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



53.7703, 0.3572, 0.2888



84.8026, 0.2832, 0.3735

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.



53.7703, 0.2335, 0.3233



53.7703, 0.3572, 0.2888



53.7703, 0.3131, 0.4114

Square

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



53.7703, 0.3572, 0.2888



53.7703, 0.3996, 0.4007



53.7703, 0.2662, 0.3739



53.7703, 0.2304, 0.2546

Rectangle

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



53.7703, 0.3572, 0.2888



53.7703, 0.4118, 0.3524



53.7703, 0.2662, 0.3739



53.7703, 0.2228, 0.2927

Sweetspot

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



53.7728, 0.3572, 0.2888



83.9226, 0.3229, 0.3178



49.8040, 0.2857, 0.2358



17.5164, 0.3245, 0.3162



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.



53.7728, 0.3572, 0.2888



47.2627, 0.3700, 0.2806



53.7279, 0.3922, 0.3338



18.1225, 0.3223, 0.3184



11.7766, 0.5183, 0.2629



1.1683, 0.4902, 0.2474

Inverse Universe

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



53.7728, 0.3572, 0.2888



47.2627, 0.3700, 0.2806



84.3209, 0.2636, 0.3241



18.1225, 0.3223, 0.3184



11.7766, 0.5183, 0.2629



1.1683, 0.4902, 0.2474

Previews

White Background



This preview shows how the Yxy color 53.7703, 0.3572, 0.2888 looks on a white background.

Color Contrast Check

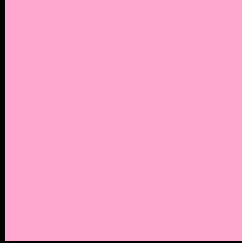
Large Text (above 18pt) WCAG AA × Fail

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 53.7703, 0.3572, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

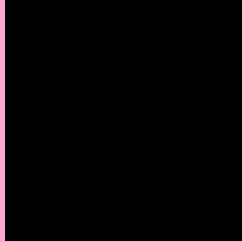
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7703, 0.3572, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 53.7703, 0.3572, 0.2888.

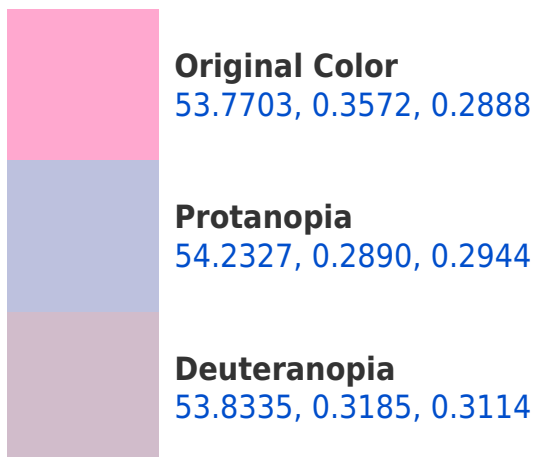


This preview shows how white text looks on a background with the Yxy color 53.7703, 0.3572, 0.2888.

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





Tritanopia

53.8905, 0.3747, 0.3155

Trichromacy



Original Color

53.7703, 0.3572, 0.2888



Protanomaly

53.4369, 0.3112, 0.2912



Deuteranomaly

53.5761, 0.3326, 0.3031



Tritanomaly

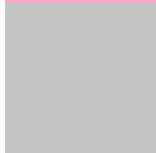
54.0469, 0.3685, 0.3061

Monochromacy



Original Color

53.7703, 0.3572, 0.2888



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.8178, 0.3284, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7703, 0.3572, 0.2888 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, 168, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 207)  
}
```

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, 168, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.7703, 0.3572, 0.2888 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, 168, 207) }
```

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

```
.border{ border-color:rgb(255, 168, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7703, 0.3572, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 207) }
```

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

```
.background{ background-color: rgb(255,  
168, 207) }
```

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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