

Converting Colors

$Y_{xy}(54.2717, 0.3716, 0.2984)$

Have a look what the booklet for
Yxy(54.2717, 0.3716, 0.2984)
contains.

Yxy(52.9287, 0.3666, 0.2979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.9287, 0.3666, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7C5
RGB	255, 167, 197
RGB Percent	100%, 65%, 77%
CMY	0.0000, 0.3451, 0.2274
CMYK	0.00, 0.35, 0.23, 0.00
HSL	340°, 100%, 83%
HSV	340°, 35%, 100%
XYZ	65.1348, 52.9287, 59.6092
YIQ	196.7320, 42.8180, 27.9860

Conversions

Conversions Part 2

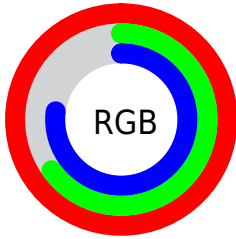
Format	Color
R_{YB}	255, 167, 197
Decimal	16754629
CIE _{Lab}	77.83, 36.37, -1.83
CIE _{LCh}	78, 36.414, 357.118
Yxy	52.9287, 0.3666, 0.2979
Android (android.graphics.Color)	4294944709 (0xFFFFA7C5)
YUV	196.7320, 0.1321, 51.1010
Hunter-Lab	72.7521, 32.4945, 2.3474

Details

The Yxy color **52.9287, 0.3666, 0.2979** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.1675, 0.2782, 0.3629**, and the grayscale version is **55.6465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1911, 0.3148, 0.2989**, and **25.8881, 0.3817, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **43.7628, 0.3901, 0.2889**, and if you desaturate by 10%, it is **64.0273, 0.3470, 0.3073**.

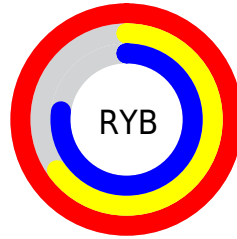
Distribution



Red (100%)

Green (65%)

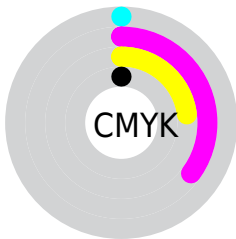
Blue (77%)



Red (100%)

Yellow (65%)

Blue (77%)

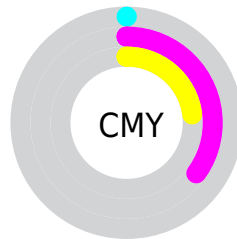


Cyan (0%)

Magenta (35%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9287, 0.3666, 0.2979 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 52.9287, 0.3666, 0.2979 by changing the saturation by 10% instead.


 52.9287, 0.3666,
0.2979


 52.9287, 0.3666,
0.2979

398.0115, 0.3403,
0.3130

 37.7459, 0.3730,
0.2943


 94.4994, 0.3572,
0.3033

 25.7855, 0.3810,
0.2897


 121.6561, 0.3536,
0.3053

 16.6632, 0.3915,
0.2838


153.5729, 0.3506,
0.3071

 9.9947, 0.4057,
0.2758

190.6341, 0.3480,
0.3086

 5.3954, 0.4262,
0.2644

233.2242, 0.3457,
0.3099

 2.4811, 0.4579,
0.2470

281.7275, 0.3437,

 0.8671, 0.5129,

0.3110

0.2173

336.5285, 0.3419,
0.3121

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9287, 0.3666,
0.2979

52.9287, 0.3666,
0.2979

43.7628, 0.3901,
0.2889

64.0273, 0.3470,
0.3073

36.4105, 0.4178,
0.2811

77.1538, 0.3309,
0.3165

30.7513, 0.4494,
0.2754

92.4057, 0.3178,
0.3252

26.6465, 0.4836,
0.2733

99.9985, 0.3127,
0.3290

■ 23.9352, 0.5182,
0.2759

■ 22.4206, 0.5503,
0.2835

■ 21.9455, 0.5661,
0.2892

Harmonies

Analogous

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



52.9287, 0.3178, 0.2687



52.9287, 0.3666, 0.2979



52.9287, 0.4013, 0.3350

Triad

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



52.9287, 0.3666, 0.2979



52.9287, 0.3500, 0.4175



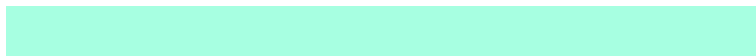
52.9287, 0.2242, 0.2741

Complementary

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



52.9287, 0.3666, 0.2979



85.1675, 0.2782, 0.3629

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.



52.9287, 0.2312, 0.3126



52.9287, 0.3666, 0.2979



52.9287, 0.3018, 0.4021

Square

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



52.9287, 0.3666, 0.2979



52.9287, 0.3900, 0.4047



52.9287, 0.2588, 0.3612



52.9287, 0.2381, 0.2539

Rectangle

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



52.9287, 0.3666, 0.2979



52.9287, 0.4101, 0.3610



52.9287, 0.2588, 0.3612



52.9287, 0.2242, 0.2851

Sweetspot

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



52.9312, 0.3666, 0.2979



83.7602, 0.3247, 0.3205



50.7398, 0.2922, 0.2365



17.4772, 0.3266, 0.3192



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.



52.9312, 0.3666, 0.2979



46.7657, 0.3814, 0.2920



56.7753, 0.3903, 0.3431



18.0893, 0.3240, 0.3209



11.4928, 0.5618, 0.2869



1.1385, 0.5301, 0.2694

Inverse Universe

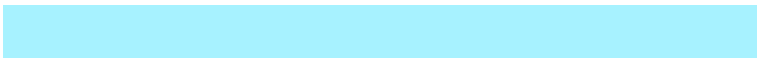
The Inverse Universe completely reimagines the original color for something new.



52.9312, 0.3666, 0.2979



46.7657, 0.3814, 0.2920



78.8182, 0.2618, 0.3142



18.0893, 0.3240, 0.3209



11.4928, 0.5618, 0.2869



1.1385, 0.5301, 0.2694

Previews

White Background



This preview shows how the Yxy color 52.9287, 0.3666, 0.2979 looks on a white background.

Color Contrast Check

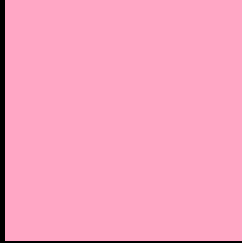
Large Text (above 18pt) WCAG AA × Fail

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 52.9287, 0.3666, 0.2979 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 52.9287, 0.3666, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 52.9287, 0.3666, 0.2979.



This preview shows how white text looks on a background with the Yxy color 52.9287, 0.3666, 0.2979.

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

52.9287, 0.3666, 0.2979

Protanopia

53.5291, 0.2973, 0.3048

Deuteranopia

53.2398, 0.3281, 0.3219



Tritanopia

53.0095, 0.3781, 0.3165

Trichromacy



Original Color

52.9287, 0.3666, 0.2979



Protanomaly

52.6681, 0.3199, 0.3012



Deuteranomaly

52.8685, 0.3420, 0.3132



Tritanomaly

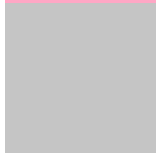
53.0346, 0.3746, 0.3103

Monochromacy



Original Color

52.9287, 0.3666, 0.2979



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.0545, 0.3309, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9287, 0.3666, 0.2979 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, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 197)  
}
```

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, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 197) }
```

Border

The CSS property to change the border of an element to Yxy 52.9287, 0.3666, 0.2979 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, 167, 197) }
```

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

```
.border{ border-color:rgb(255, 167, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9287, 0.3666, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 197) }
```

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

```
.background{ background-color: rgb(255,  
167, 197) }
```

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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