

Converting Colors

$Y_{xy}(52.3193, 0.3701, 0.3001)$

Have a look what the booklet for
Yxy(52.3193, 0.3701, 0.3001)
contains.

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Color

Yxy(52.4275, 0.3697, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6C2
RGB	255, 166, 194
RGB Percent	100%, 65%, 76%
CMY	0.0000, 0.3491, 0.2392
CMYK	0.00, 0.35, 0.24, 0.00
HSL	341°, 100%, 83%
HSV	341°, 35%, 100%
XYZ	64.6297, 52.4275, 57.7594
YIQ	195.8030, 44.0560, 27.5760

Conversions

Conversions Part 2

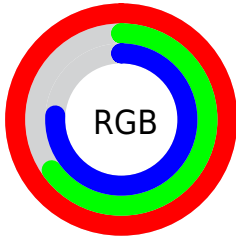
Format	Color
R _Y B	255, 166, 194
Decimal	16754370
CIE Lab	77.54, 36.51, -0.63
CIE LCh	78, 36.512, 359.007
Yxy	52.4275, 0.3697, 0.2999
Android (android.graphics.Color)	4294944450 (0xFFFFA6C2)
YUV	195.8030, -0.8889, 51.9158
Hunter-Lab	72.4068, 32.6155, 3.3888

Details

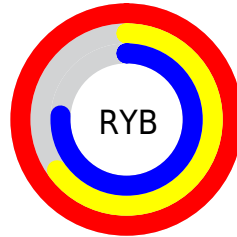
The Yxy color $52.4275, 0.3697, 0.2999$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $85.1685, 0.2767, 0.3607$, and the grayscale version is $55.0548, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4047, 0.3175, 0.3017$, and $25.5740, 0.3860, 0.2932$ is the 20% darker color. If you saturate the color by 10%, you get $43.3120, 0.3944, 0.2916$, and if you desaturate by 10%, it is $63.4573, 0.3491, 0.3086$.

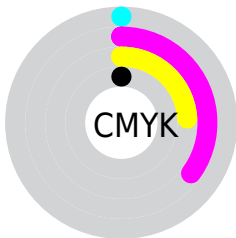
Distribution



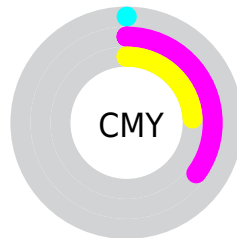
- Red (100%)
- Green (65%)
- Blue (76%)



- Red (100%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4275, 0.3697, 0.2999 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 52.4275, 0.3697, 0.2999 by changing the saturation by 10% instead.


 52.4275, 0.3697,
0.2999


 52.4275, 0.3697,
0.2999


396.0848, 0.3418,
0.3141

 37.3459, 0.3765,
0.2965


 93.7614, 0.3597,
0.3050

 25.4755, 0.3850,
0.2921


 120.7825, 0.3559,
0.3069

 16.4316, 0.3963,
0.2864


152.5523, 0.3527,
0.3086

 9.8301, 0.4116,
0.2787

189.4552, 0.3499,
0.3100

 5.2865, 0.4336,
0.2676

231.8754, 0.3475,
0.3112

 2.4163, 0.4678,
0.2505

280.1975, 0.3454,

 0.8343, 0.5277,

0.3123

0.2205

334.8058, 0.3435,
0.3133

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.4275, 0.3697,
0.2999

■ 52.4275, 0.3697,
0.2999

■ 43.3120, 0.3944,
0.2916

■ 63.4573, 0.3491,
0.3086

■ 36.0220, 0.4236,
0.2845

■ 76.5282, 0.3322,
0.3171

■ 30.4256, 0.4568,
0.2796

■ 91.7282, 0.3185,
0.3252

■ 26.3829, 0.4926,
0.2782

100.0000, 0.3127,
0.3290

■ 23.7315, 0.5285,
0.2813

■ 22.2719, 0.5611,
0.2893

■ 21.8438, 0.5758,
0.2946

Harmonies

Analogous

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



52.4275, 0.3210, 0.2699



52.4275, 0.3697, 0.2999



52.4275, 0.4032, 0.3375

Triad

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



52.4275, 0.3697, 0.2999



52.4275, 0.3472, 0.4180



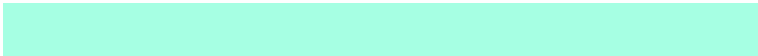
52.4275, 0.2240, 0.2719

Complementary

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



52.4275, 0.3697, 0.2999



85.1685, 0.2767, 0.3607

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.



52.4275, 0.2297, 0.3096



52.4275, 0.3697, 0.2999



52.4275, 0.2988, 0.4006

Square

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



52.4275, 0.3697, 0.2999



52.4275, 0.3883, 0.4067



52.4275, 0.2562, 0.3583



52.4275, 0.2392, 0.2529

Rectangle

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



52.4275, 0.3697, 0.2999



52.4275, 0.4108, 0.3635



52.4275, 0.2562, 0.3583



52.4275, 0.2235, 0.2826

Sweetspot

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



52.4196, 0.3696, 0.2999



83.7212, 0.3251, 0.3211



50.7839, 0.2942, 0.2360



17.4678, 0.3271, 0.3200



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.



52.4196, 0.3696, 0.2999



45.7706, 0.3868, 0.2940



57.5903, 0.3904, 0.3464



18.0813, 0.3244, 0.3215



11.4375, 0.5715, 0.2922



1.1324, 0.5395, 0.2746

Inverse Universe

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



52.4196, 0.3696, 0.2999



45.7706, 0.3868, 0.2940



76.8697, 0.2608, 0.3106



18.0813, 0.3244, 0.3215



11.4375, 0.5715, 0.2922



1.1324, 0.5395, 0.2746

Previews

White Background



This preview shows how the Yxy color 52.4275, 0.3697, 0.2999 looks on a white background.

Color Contrast Check

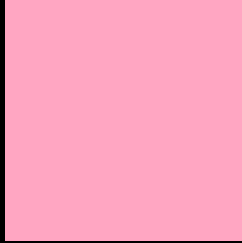
Large Text (above 18pt) WCAG AA × Fail

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 52.4275, 0.3697, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

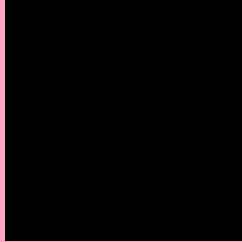
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4275, 0.3697, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 52.4275, 0.3697, 0.2999.



This preview shows how white text looks on a background with the Yxy color 52.4275, 0.3697, 0.2999.

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

52.4275, 0.3697, 0.2999

Protanopia

52.8122, 0.2987, 0.3071

Deuteranopia

52.6844, 0.3307, 0.3243



Tritanopia

52.4123, 0.3805, 0.3155

Trichromacy



Original Color

52.4275, 0.3697, 0.2999



Protanomaly

52.1117, 0.3223, 0.3034



Deuteranomaly

52.3327, 0.3448, 0.3154



Tritanomaly

52.2534, 0.3761, 0.3092

Monochromacy



Original Color

52.4275, 0.3697, 0.2999



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.3898, 0.3318, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4275, 0.3697, 0.2999 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.4275, 0.3697, 0.2999 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, 194) }
```

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

```
.border{ border-color:rgb(255, 166, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4275, 0.3697, 0.2999 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
166, 194) }
```

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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