

Converting Colors

$Y_{xy}(52.1249, 0.3663, 0.2946)$

Have a look what the booklet for
Yxy(52.1249, 0.3663, 0.2946)
contains.

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Color

Yxy(52.2475, 0.3661, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5C6
RGB	255, 165, 198
RGB Percent	100%, 65%, 78%
CMY	0.0001, 0.3529, 0.2235
CMYK	0.00, 0.35, 0.22, 0.00
HSL	338°, 100%, 82%
HSV	338°, 35%, 100%
XYZ	64.8840, 52.2475, 60.0988
YIQ	195.6720, 43.0470, 29.3430

Conversions

Conversions Part 2

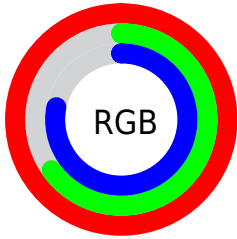
Format	Color
R _Y B	255, 165, 198
Decimal	16754118
CIE Lab	77.43, 37.54, -2.97
CIE LCh	77, 37.662, 355.470
Yxy	52.2475, 0.3661, 0.2948
Android (android.graphics.Color)	4294944198 (0xFFFFA5C6)
YUV	195.6720, 1.1477, 52.0307
Hunter-Lab	72.2824, 33.7355, 1.3014

Details

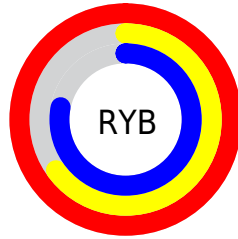
The Yxy color **52.2475, 0.3661, 0.2948** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.7818, 0.2787, 0.3665**, and the grayscale version is **54.9710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.4723, 0.3811, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **43.2437, 0.3889, 0.2852**, and if you desaturate by 10%, it is **63.1692, 0.3471, 0.3049**.

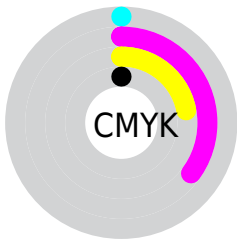
Distribution



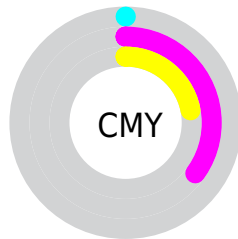
- Red (100%)
- Green (65%)
- Blue (78%)



- Red (100%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2475, 0.3661, 0.2948 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 52.2475, 0.3661, 0.2948 by changing the saturation by 10% instead.


 52.2475, 0.3661,
0.2948

 52.2475, 0.3661,
0.2948


395.3914, 0.3401,
0.3113

 37.2024, 0.3724,
0.2909

 93.4961, 0.3568,
0.3007

 25.3642, 0.3804,
0.2859

 120.4685, 0.3533,
0.3029

 16.3486, 0.3908,
0.2795


152.1853, 0.3502,
0.3048

 9.7712, 0.4049,
0.2708

189.0311, 0.3476,
0.3065

 5.2475, 0.4252,
0.2585

231.3902, 0.3454,
0.3079

 2.3932, 0.4565,
0.2398

279.6470, 0.3434,

 0.8224, 0.5112,

0.3092

0.2080

334.1859, 0.3416,
0.3103

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.2475, 0.3661,
0.2948

■ 52.2475, 0.3661,
0.2948

■ 43.2437, 0.3889,
0.2852

■ 63.1692, 0.3471,
0.3049

■ 36.0383, 0.4156,
0.2768

■ 76.1042, 0.3314,
0.3148

■ 30.5101, 0.4459,
0.2708

■ 91.1505, 0.3185,
0.3242

■ 26.5193, 0.4786,
0.2685

99.9964, 0.3127,
0.3290

■ 23.9035, 0.5118,
0.2710

■ 22.4623, 0.5427,
0.2788

■ 22.0560, 0.5561,
0.2837

Harmonies

Analogous

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



52.2475, 0.3151, 0.2653



52.2475, 0.3661, 0.2948



52.2475, 0.4034, 0.3328

Triad

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



52.2475, 0.3661, 0.2948



52.2475, 0.3538, 0.4211



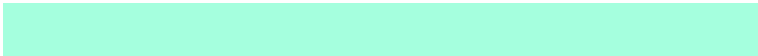
52.2475, 0.2209, 0.2737

Complementary

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



52.2475, 0.3661, 0.2948



84.7818, 0.2787, 0.3665

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.



52.2475, 0.2293, 0.3144



52.2475, 0.3661, 0.2948



52.2475, 0.3040, 0.4068

Square

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



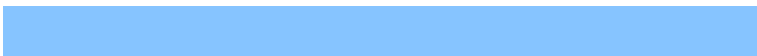
52.2475, 0.3661, 0.2948



52.2475, 0.3945, 0.4060



52.2475, 0.2588, 0.3652



52.2475, 0.2341, 0.2518

Rectangle

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



52.2475, 0.3661, 0.2948



52.2475, 0.4137, 0.3597



52.2475, 0.2588, 0.3652



52.2475, 0.2213, 0.2853

Sweetspot

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



52.2500, 0.3661, 0.2948



82.2992, 0.3255, 0.3189



49.4273, 0.2892, 0.2337



17.1875, 0.3273, 0.3176



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.



52.2500, 0.3661, 0.2948



46.0042, 0.3810, 0.2882



54.8328, 0.3938, 0.3403



18.0972, 0.3236, 0.3203



11.5529, 0.5518, 0.2813



1.1450, 0.5206, 0.2642

Inverse Universe

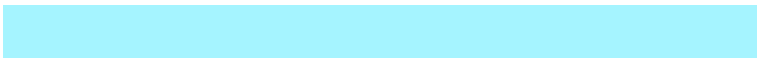
The Inverse Universe completely reimagines the original color for something new.



52.2500, 0.3661, 0.2948



46.0042, 0.3810, 0.2882



80.2133, 0.2613, 0.3172



18.0972, 0.3236, 0.3203



11.5529, 0.5518, 0.2813



1.1450, 0.5206, 0.2642

Previews

White Background



This preview shows how the Yxy color 52.2475, 0.3661, 0.2948 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 52.2475, 0.3661, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

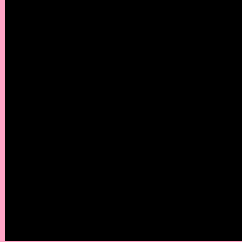
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2475, 0.3661, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 52.2475, 0.3661, 0.2948.



This preview shows how white text looks on a background with the Yxy color 52.2475, 0.3661, 0.2948.

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

52.2475, 0.3661, 0.2948

Protanopia

52.4498, 0.2951, 0.3010

Deuteranopia

52.5682, 0.3257, 0.3195



Tritanopia

52.2241, 0.3796, 0.3154

Trichromacy



Original Color

52.2475, 0.3661, 0.2948



Protanomaly

51.7479, 0.3184, 0.2977



Deuteranomaly

51.9497, 0.3406, 0.3097



Tritanomaly

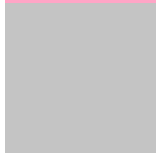
52.2961, 0.3751, 0.3081

Monochromacy



Original Color

52.2475, 0.3661, 0.2948



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.4809, 0.3302, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2475, 0.3661, 0.2948 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 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, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 198) }
```

Border

The CSS property to change the border of an element to Yxy 52.2475, 0.3661, 0.2948 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, 198) }
```

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

```
.border{ border-color:rgb(255, 165, 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, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 165, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 165, 198); box-shadow:4px 4px 4px 4px rgb(255, 165, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2475, 0.3661, 0.2948 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, 198) }
```

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

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