

Converting Colors

$Y_{xy}(53.0103, 0.3547, 0.2830)$

Have a look what the booklet for
Yxy(53.0103, 0.3547, 0.2830)
contains.

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Color

Yxy(52.8234, 0.3550, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5D2
RGB	255, 165, 210
RGB Percent	100%, 65%, 82%
CMY	0.0000, 0.3529, 0.1763
CMYK	0.00, 0.35, 0.18, 0.00
HSL	330°, 100%, 82%
HSV	330°, 35%, 100%
XYZ	66.3329, 52.8234, 67.6969
YIQ	197.0400, 39.1950, 33.0750

Conversions

Conversions Part 2

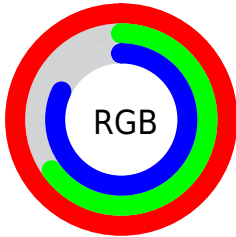
Format	Color
R _Y B	255, 165, 210
Decimal	16754130
CIE Lab	77.77, 39.32, -9.03
CIE LCh	78, 40.346, 347.072
Yxy	52.8234, 0.3550, 0.2827
Android (android.graphics.Color)	4294944210 (0xFFFFA5D2)
YUV	197.0400, 6.3893, 50.8309
Hunter-Lab	72.6797, 35.7228, -4.3494

Details

The Yxy color **52.8234, 0.3550, 0.2827** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.1704, 0.2847, 0.3809**, and the grayscale version is **55.8045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.8590, 0.3654, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **43.9150, 0.3725, 0.2697**, and if you desaturate by 10%, it is **63.6191, 0.3402, 0.2962**.

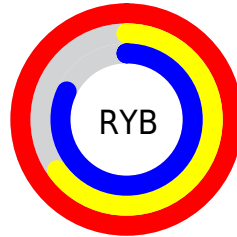
Distribution



Red (100%)

Green (65%)

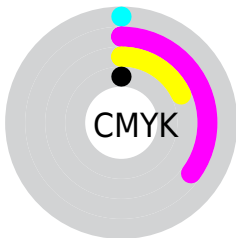
Blue (82%)



Red (100%)

Yellow (65%)

Blue (82%)

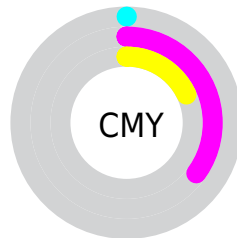


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8234, 0.3550, 0.2827 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 52.8234, 0.3550, 0.2827 by changing the saturation by 10% instead.

 52.8234, 0.3550,
0.2827

 52.8234, 0.3550,
0.2827


397.6072, 0.3347,
0.3045

 37.6618, 0.3598,
0.2776


 94.3445, 0.3478,
0.2904

 25.7203, 0.3658,
0.2713


 121.4727, 0.3451,
0.2933

 16.6145, 0.3736,
0.2632


153.3586, 0.3427,
0.2958

 9.9600, 0.3841,
0.2525

190.3866, 0.3407,
0.2980

 5.3725, 0.3988,
0.2378

232.9411, 0.3389,
0.3000

 2.4674, 0.4211,
0.2162

281.4064, 0.3374,

 0.8603, 0.4582,

0.3017

0.1819

336.1670, 0.3360,
0.3032

0.0000, 0.6669,
0.0000

0.0000, 0.0000,
0.0000

52.8234, 0.3550,
0.2827

52.8234, 0.3550,
0.2827

43.9150, 0.3725,
0.2697

63.6191, 0.3402,
0.2962

36.7786, 0.3926,
0.2580

76.3992, 0.3277,
0.3096

31.2933, 0.4152,
0.2489

91.2595, 0.3174,
0.3225

27.3209, 0.4396,
0.2437

100.0000, 0.3127,
0.3290

■ 24.7004, 0.4646,
0.2435

■ 23.2331, 0.4889,
0.2488

■ 22.8083, 0.4999,
0.2528

Harmonies

Analogous

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



52.8234, 0.2998, 0.2552



52.8234, 0.3550, 0.2827



52.8234, 0.4009, 0.3209

Triad

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



52.8234, 0.3550, 0.2827



52.8234, 0.3699, 0.4255



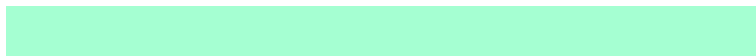
52.8234, 0.2155, 0.2800

Complementary

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



52.8234, 0.3550, 0.2827



84.1704, 0.2847, 0.3809

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.



52.8234, 0.2307, 0.3279



52.8234, 0.3550, 0.2827



52.8234, 0.3181, 0.4202

Square

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



52.8234, 0.3550, 0.2827



52.8234, 0.4083, 0.4020



52.8234, 0.2673, 0.3823



52.8234, 0.2231, 0.2512

Rectangle

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



52.8234, 0.3550, 0.2827



52.8234, 0.4177, 0.3492



52.8234, 0.2673, 0.3823



52.8234, 0.2180, 0.2942

Sweetspot

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



52.8249, 0.3550, 0.2827



82.5209, 0.3231, 0.3152



47.6122, 0.2799, 0.2311



17.2402, 0.3245, 0.3135



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.



52.8249, 0.3550, 0.2827



46.6489, 0.3664, 0.2739



50.9414, 0.3964, 0.3277



18.1387, 0.3215, 0.3172



11.9480, 0.4963, 0.2507



1.1854, 0.4708, 0.2367

Inverse Universe

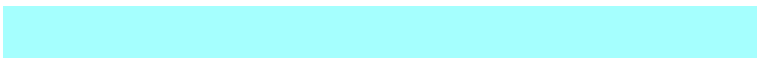
The Inverse Universe completely reimagines the original color for something new.



52.8249, 0.3550, 0.2827



46.6489, 0.3664, 0.2739



86.6430, 0.2635, 0.3305



18.1387, 0.3215, 0.3172



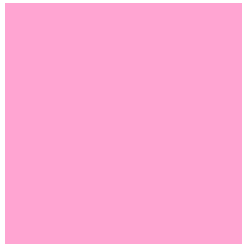
11.9480, 0.4963, 0.2507



1.1854, 0.4708, 0.2367

Previews

White Background



This preview shows how the Yxy color 52.8234, 0.3550, 0.2827 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 52.8234, 0.3550, 0.2827 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 52.8234, 0.3550, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 52.8234, 0.3550, 0.2827.



This preview shows how white text looks on a background with the Yxy color 52.8234, 0.3550, 0.2827.

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

52.8234, 0.3550, 0.2827

Protanopia

53.2468, 0.2833, 0.2860

Deuteranopia

52.9760, 0.3130, 0.3065



Tritanopia

52.8638, 0.3763, 0.3154

Trichromacy



Original Color

52.8234, 0.3550, 0.2827



Protanomaly

52.5252, 0.3066, 0.2843



Deuteranomaly

52.4332, 0.3278, 0.2973



Tritanomaly

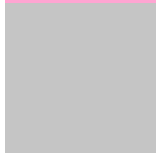
52.7382, 0.3683, 0.3029

Monochromacy



Original Color

52.8234, 0.3550, 0.2827



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.8676, 0.3270, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8234, 0.3550, 0.2827 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 210) }
```

Border

The CSS property to change the border of an element to Yxy 52.8234, 0.3550, 0.2827 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, 210) }
```

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

```
.border{ border-color:rgb(255, 165, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8234, 0.3550, 0.2827 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
165, 210) }
```

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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