

Converting Colors

$Y_{xy}(52.0578, 0.3563, 0.2817)$

Have a look what the booklet for
Yxy(52.0578, 0.3563, 0.2817)
contains.

Yxy(52.0578, 0.3563, 0.2817)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.0578, 0.3563, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3D1
RGB	255, 163, 209
RGB Percent	100%, 64%, 82%
CMY	0.0000, 0.3607, 0.1804
CMYK	0.00, 0.36, 0.18, 0.00
HSL	330°, 100%, 82%
HSV	330°, 36%, 100%
XYZ	65.8438, 52.0578, 66.8971
YIQ	195.7520, 40.0660, 33.8100

Conversions

Conversions Part 2

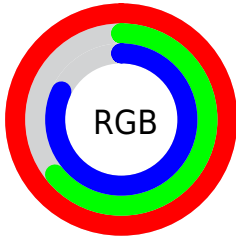
Format	Color
R _Y B	255, 163, 209
Decimal	16753617
CIE Lab	77.32, 40.19, -9.14
CIE LCh	77, 41.218, 347.194
Yxy	52.0578, 0.3563, 0.2817
Android (android.graphics.Color)	4294943697 (0xFFFFA3D1)
YUV	195.7520, 6.5313, 51.9605
Hunter-Lab	72.1511, 36.6315, -4.4668

Details

The Yxy color $52.0578, 0.3563, 0.2817$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $83.9080, 0.2841, 0.3822$, and the grayscale version is $54.9894, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1430, 0.3144, 0.2940$, and $25.3887, 0.3672, 0.2701$ is the 20% darker color. If you saturate the color by 10%, you get $43.2925, 0.3740, 0.2687$, and if you desaturate by 10%, it is $62.7039, 0.3413, 0.2952$.

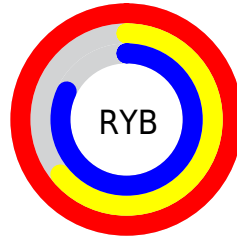
Distribution



Red (100%)

Green (64%)

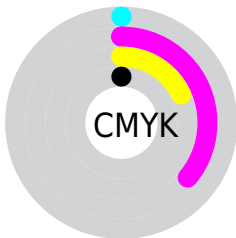
Blue (82%)



Red (100%)

Yellow (64%)

Blue (82%)

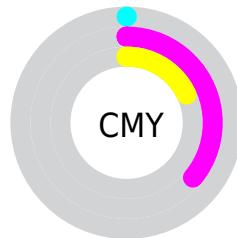


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0578, 0.3563, 0.2817 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 52.0578, 0.3563, 0.2817 by changing the saturation by 10% instead.


 52.0578, 0.3563,
0.2817


 52.0578, 0.3563,
0.2817


394.6597, 0.3354,
0.3040

 37.0511, 0.3613,
0.2765


 93.2165, 0.3489,
0.2895

 25.2471, 0.3675,
0.2700


 120.1373, 0.3460,
0.2926

 16.2612, 0.3756,
0.2617


151.7983, 0.3436,
0.2952

 9.7092, 0.3865,
0.2507

188.5838, 0.3415,
0.2974

 5.2066, 0.4018,
0.2356

230.8784, 0.3397,
0.2994

 2.3690, 0.4251,
0.2133

279.0663, 0.3381,

 0.8099, 0.4642,

0.3011

0.1775

333.5319, 0.3366,
0.3027

0.0000, 0.6892,
0.0000

0.0000, 0.0000,
0.0000

52.0578, 0.3563,
0.2817

52.0578, 0.3563,
0.2817

43.2925, 0.3740,
0.2687

62.7039, 0.3413,
0.2952

36.2893, 0.3944,
0.2573

75.3259, 0.3286,
0.3086

30.9271, 0.4172,
0.2484

90.0210, 0.3182,
0.3215

27.0662, 0.4416,
0.2436

99.9990, 0.3127,
0.3290

■ 24.5432, 0.4667,
0.2438

■ 23.1558, 0.4909,
0.2496

■ 22.8039, 0.5002,
0.2529

Harmonies

Analogous

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



52.0578, 0.2996, 0.2536



52.0578, 0.3563, 0.2817



52.0578, 0.4035, 0.3208

Triad

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



52.0578, 0.3563, 0.2817



52.0578, 0.3710, 0.4281



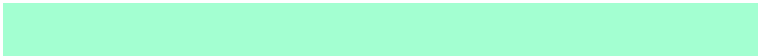
52.0578, 0.2132, 0.2785

Complementary

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



52.0578, 0.3563, 0.2817



83.9080, 0.2841, 0.3822

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.



52.0578, 0.2285, 0.3275



52.0578, 0.3563, 0.2817



52.0578, 0.3179, 0.4228

Square

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



52.0578, 0.3563, 0.2817



52.0578, 0.4106, 0.4038



52.0578, 0.2659, 0.3836



52.0578, 0.2211, 0.2492

Rectangle

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



52.0578, 0.3563, 0.2817



52.0578, 0.4205, 0.3496



52.0578, 0.2659, 0.3836



52.0578, 0.2157, 0.2930

Sweetspot

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



52.0602, 0.3563, 0.2817



82.5201, 0.3231, 0.3153



46.9732, 0.2801, 0.2291



17.2400, 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.



52.0602, 0.3563, 0.2817



45.7960, 0.3683, 0.2726



50.1016, 0.4005, 0.3293



18.1386, 0.3215, 0.3172



11.9463, 0.4965, 0.2509



1.1852, 0.4710, 0.2368

Inverse Universe

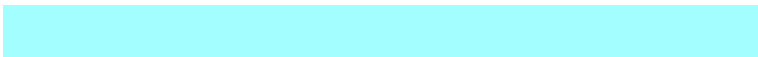
The Inverse Universe completely reimagines the original color for something new.



52.0602, 0.3563, 0.2817



45.7960, 0.3683, 0.2726



86.5238, 0.2619, 0.3289



18.1386, 0.3215, 0.3172



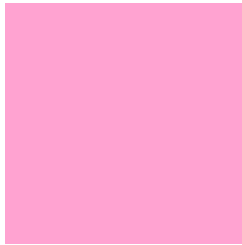
11.9463, 0.4965, 0.2509



1.1852, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 52.0578, 0.3563, 0.2817 looks on a white background.

Color Contrast Check

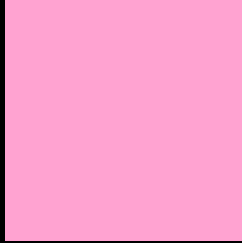
Large Text (above 18pt) WCAG AA × Fail

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 52.0578, 0.3563, 0.2817 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 52.0578, 0.3563, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 52.0578, 0.3563, 0.2817.



This preview shows how white text looks on a background with the Yxy color 52.0578, 0.3563, 0.2817.

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

52.0578, 0.3563, 0.2817

Protanopia

52.5082, 0.2825, 0.2857

Deuteranopia

52.3630, 0.3130, 0.3064



Tritanopia

52.0369, 0.3787, 0.3154

Trichromacy



Original Color

52.0578, 0.3563, 0.2817



Protanomaly

51.5115, 0.3066, 0.2830



Deuteranomaly

51.9850, 0.3288, 0.2973



Tritanomaly

51.9167, 0.3707, 0.3029

Monochromacy



Original Color

52.0578, 0.3563, 0.2817



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.2497, 0.3271, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0578, 0.3563, 0.2817 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, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 209)  
}
```

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, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 209) }
```

Border

The CSS property to change the border of an element to Yxy 52.0578, 0.3563, 0.2817 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, 163, 209) }
```

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

```
.border{ border-color:rgb(255, 163, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0578, 0.3563, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 209) }
```

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

```
.background{ background-color: rgb(255,  
163, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor