

Converting Colors

$Y_{xy}(52.6121, 0.3722, 0.3061)$

Have a look what the booklet for
Yxy(52.6121, 0.3722, 0.3061)
contains.

Yxy(52.7938, 0.3720, 0.3061)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7938, 0.3720, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	FEA8BE
RGB	254, 168, 190
RGB Percent	100%, 66%, 75%
CMY	0.0041, 0.3411, 0.2549
CMYK	0.00, 0.34, 0.25, 0.00
HSL	345°, 98%, 83%
HSV	345°, 34%, 100%
XYZ	64.1597, 52.7938, 55.5189
YIQ	196.2220, 44.1940, 25.0740

Conversions

Conversions Part 2

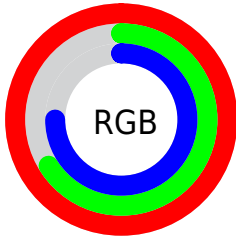
Format	Color
R_{YB}	254, 168, 190
Decimal	16689342
CIE _{Lab}	77.75, 34.50, 1.86
CIE _{LCh}	78, 34.552, 3.091
Yxy	52.7938, 0.3720, 0.3061
Android (android.graphics.Color)	4294879422 (0xFFFEA8BE)
YUV	196.2220, -3.0674, 50.6713
Hunter-Lab	72.6593, 30.4654, 5.5582

Details

The Yxy color **52.7938, 0.3720, 0.3061** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.0155, 0.2751, 0.3536**, and the grayscale version is **55.3424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2251, 0.3200, 0.3075**, and **25.8034, 0.3880, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **43.5416, 0.3987, 0.2994**, and if you desaturate by 10%, it is **63.9894, 0.3500, 0.3131**.

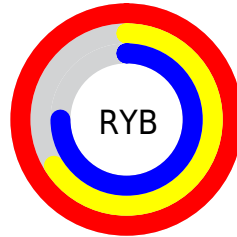
Distribution



Red (100%)

Green (66%)

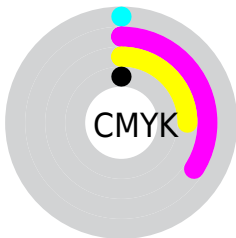
Blue (75%)



Red (100%)

Yellow (66%)

Blue (75%)

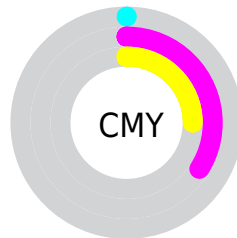


Cyan (0%)

Magenta (34%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7938, 0.3720, 0.3061 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 52.7938, 0.3720, 0.3061 by changing the saturation by 10% instead.


 52.7938, 0.3720,
0.3061


 52.7938, 0.3720,
0.3061

397.4935, 0.3429,
0.3175

 37.6382, 0.3791,
0.3033


 94.3009, 0.3616,
0.3102

 25.7020, 0.3881,
0.2997


 121.4211, 0.3576,
0.3118

 16.6008, 0.3998,
0.2950


153.2984, 0.3542,
0.3131

 9.9503, 0.4159,
0.2885

190.3170, 0.3513,
0.3142

 5.3660, 0.4391,
0.2791

232.8615, 0.3488,
0.3152

 2.4636, 0.4752,
0.2640

281.3161, 0.3466,

 0.8583, 0.5398,

0.3160

0.2376

336.0653, 0.3447,
0.3168

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7938, 0.3720,
0.3061

52.7938, 0.3720,
0.3061

43.5416, 0.3987,
0.2994

63.9894, 0.3500,
0.3131

36.1141, 0.4303,
0.2936

77.2231, 0.3321,
0.3201

30.3913, 0.4664,
0.2897

92.5925, 0.3175,
0.3266

26.2357, 0.5054,
0.2889

99.8043, 0.3121,
0.3290

■ 23.4879, 0.5441,
0.2922

■ 21.9542, 0.5782,
0.2997

■ 21.4450, 0.5958,
0.3056

Harmonies

Analogous

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



52.7938, 0.3272, 0.2761



52.7938, 0.3720, 0.3061



52.7938, 0.4006, 0.3425

Triad

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



52.7938, 0.3720, 0.3061



52.7938, 0.3395, 0.4122



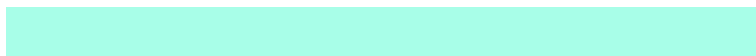
52.7938, 0.2293, 0.2716

Complementary

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



52.7938, 0.3720, 0.3061



85.0155, 0.2751, 0.3536

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.



52.7938, 0.2321, 0.3052



52.7938, 0.3720, 0.3061



52.7938, 0.2936, 0.3919

Square

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



52.7938, 0.3720, 0.3061



52.7938, 0.3799, 0.4053



52.7938, 0.2548, 0.3504



52.7938, 0.2465, 0.2558

Rectangle

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



52.7938, 0.3720, 0.3061



52.7938, 0.4053, 0.3670



52.7938, 0.2548, 0.3504



52.7938, 0.2280, 0.2809

Sweetspot

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



52.7963, 0.3720, 0.3061



83.6329, 0.3261, 0.3226



52.1651, 0.2983, 0.2399



17.4466, 0.3282, 0.3217



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.



52.7963, 0.3720, 0.3061



46.3979, 0.3906, 0.3012



59.8922, 0.3856, 0.3503



18.0633, 0.3254, 0.3229



11.3296, 0.5918, 0.3034



1.1199, 0.5602, 0.2860

Inverse Universe

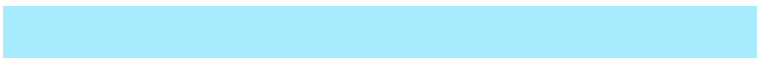
The Inverse Universe completely reimagines the original color for something new.



52.7963, 0.3720, 0.3061



46.3979, 0.3906, 0.3012



74.2772, 0.2617, 0.3064



18.0633, 0.3254, 0.3229



11.3296, 0.5918, 0.3034



1.1199, 0.5602, 0.2860

Previews

White Background



This preview shows how the Yxy color 52.7938, 0.3720, 0.3061 looks on a white background.

Color Contrast Check

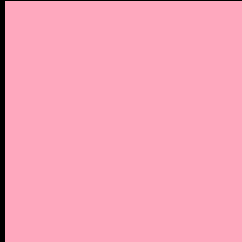
Large Text (above 18pt) WCAG AA × Fail

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 52.7938, 0.3720, 0.3061 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 52.7938, 0.3720, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 52.7938, 0.3720, 0.3061.



This preview shows how white text looks on a background with the Yxy color 52.7938, 0.3720, 0.3061.

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

52.7938, 0.3720, 0.3061

Protanopia

52.9587, 0.3047, 0.3132

Deuteranopia

52.8518, 0.3348, 0.3279



Tritanopia

52.6360, 0.3784, 0.3154

Trichromacy



Original Color

52.7938, 0.3720, 0.3061



Protanomaly

52.4376, 0.3271, 0.3104



Deuteranomaly

52.3650, 0.3482, 0.3189



Tritanomaly

52.7614, 0.3756, 0.3123

Monochromacy



Original Color

52.7938, 0.3720, 0.3061



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.7646, 0.3325, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7938, 0.3720, 0.3061 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(254, 168, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 168, 190)  
}
```

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(254, 168, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 168, 190) }
```

Border

The CSS property to change the border of an element to Yxy 52.7938, 0.3720, 0.3061 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(254, 168, 190) }
```

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

```
.border{ border-color:rgb(254, 168, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 168, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 168, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 168, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 168,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7938, 0.3720, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 168, 190) }
```

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

```
.background{ background-color: rgb(254,  
168, 190) }
```

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