

Converting Colors

$Y_{xy}(52.1950, 0.3910, 0.3293)$

Have a look what the booklet for
Yxy(52.1950, 0.3910, 0.3293)
contains.

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Color

Yxy(52.1232, 0.3907, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FDA9A9
RGB	253, 169, 169
RGB Percent	99%, 66%, 66%
CMY	0.0078, 0.3372, 0.3371
CMYK	0.00, 0.33, 0.33, 0.01
HSL	360°, 95%, 83%
HSV	360°, 33%, 99%
XYZ	61.8607, 52.1232, 44.3491
YIQ	194.1160, 50.0640, 17.8080

Conversions

Conversions Part 2

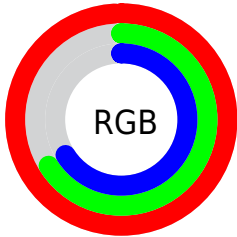
Format	Color
RYB	253, 169, 169
Decimal	16624041
CIELab	77.35, 30.92, 12.70
CIELCh	77, 33.425, 22.336
Yxy	52.1232, 0.3907, 0.3292
Android (android.graphics.Color)	4294814121 (0xFFFDA9A9)
YUV	194.1160, -12.3822, 51.6413
Hunter-Lab	72.1964, 26.6020, 14.1166

Details

The Yxy color **52.1232, 0.3907, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.7795, 0.2654, 0.3289**, and the grayscale version is **54.0759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4922, 0.3347, 0.3301**, and **25.2445, 0.4119, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **42.7452, 0.4272, 0.3293**, and if you desaturate by 10%, it is **63.5112, 0.3609, 0.3291**.

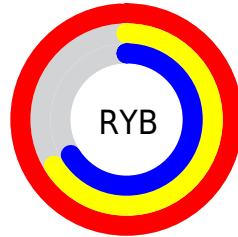
Distribution



Red (99%)

Green (66%)

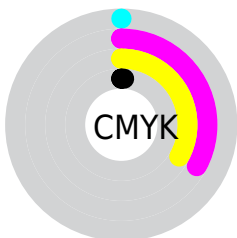
Blue (66%)



Red (99%)

Yellow (66%)

Blue (66%)

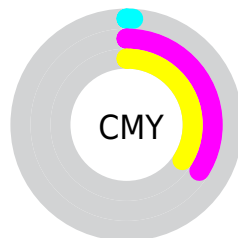


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (1%)



Cyan (1%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1232, 0.3907, 0.3292 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 52.1232, 0.3907, 0.3292 by changing the saturation by 10% instead.

 52.1232, 0.3907,
0.3292


 52.1232, 0.3907,
0.3292


394.9120, 0.3521,
0.3301

 37.1033, 0.4002,
0.3287


 93.3129, 0.3768,
0.3298

 25.2875, 0.4123,
0.3279


 120.2515, 0.3715,
0.3299

 16.2914, 0.4281,
0.3265


151.9318, 0.3670,
0.3300

 9.7306, 0.4498,
0.3242

188.7381, 0.3632,
0.3301

 5.2207, 0.4811,
0.3198

231.0549, 0.3599,
0.3301

 2.3773, 0.5295,
0.3106

279.2666, 0.3569,

 0.8142, 0.6803,

0.3301

0.3197

333.7575, 0.3543,
0.3301

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1232, 0.3907,
0.3292

52.1232, 0.3907,
0.3292

42.7452, 0.4272,
0.3293

63.5112, 0.3609,
0.3291

35.2535, 0.4703,
0.3294

77.0085, 0.3370,
0.3291

29.5228, 0.5181,
0.3296

92.7166, 0.3180,
0.3290

25.4092, 0.5658,
0.3297

99.6236, 0.3115,
0.3290

■ 22.7464, 0.6059,
0.3298

■ 21.3320, 0.6313,
0.3299

■ 20.8838, 0.6401,
0.3300

Harmonies

Analogous

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



52.1232, 0.3558, 0.2953



52.1232, 0.3907, 0.3292



52.1232, 0.4027, 0.3652

Triad

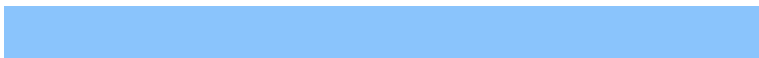
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.1232, 0.3907, 0.3292



52.1232, 0.3100, 0.4000



52.1232, 0.2401, 0.2612

Complementary

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



52.1232, 0.3907, 0.3292



85.7795, 0.2654, 0.3289

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.



52.1232, 0.2302, 0.2831



52.1232, 0.3907, 0.3292



52.1232, 0.2685, 0.3656

Square

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



52.1232, 0.3907, 0.3292



52.1232, 0.3542, 0.4103



52.1232, 0.2400, 0.3210



52.1232, 0.2684, 0.2572

Rectangle

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



52.1232, 0.3907, 0.3292



52.1232, 0.3960, 0.3867



52.1232, 0.2400, 0.3210



52.1232, 0.2347, 0.2665

Sweetspot

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



52.1257, 0.3907, 0.3292



83.2613, 0.3304, 0.3290



56.0905, 0.3155, 0.2460



17.3575, 0.3333, 0.3291



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.



52.1257, 0.3907, 0.3292



46.3434, 0.4148, 0.3293



69.6457, 0.3766, 0.3714



17.9872, 0.3295, 0.3290



11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Inverse Universe

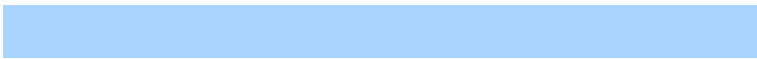
The Inverse Universe completely reimagines the original color for something new.



52.1257, 0.3907, 0.3292



46.3434, 0.4148, 0.3293



62.8163, 0.2594, 0.2822



17.9872, 0.3295, 0.3290



11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 52.1232, 0.3907, 0.3292 looks on a white background.

Color Contrast Check

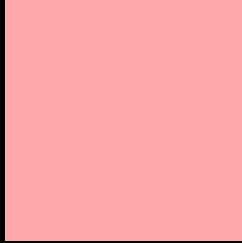
Large Text (above 18pt) WCAG AA × Fail

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 52.1232, 0.3907, 0.3292 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 52.1232, 0.3907, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 52.1232, 0.3907, 0.3292.



This preview shows how white text looks on a background with the Yxy color 52.1232, 0.3907, 0.3292.

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

52.1232, 0.3907, 0.3292

Protanopia

52.4272, 0.3261, 0.3427

Deuteranopia

52.0942, 0.3581, 0.3504



Tritanopia

52.0036, 0.3818, 0.3155

Trichromacy



Original Color

52.1232, 0.3907, 0.3292



Protanomaly

51.7533, 0.3480, 0.3374



Deuteranomaly

52.0191, 0.3694, 0.3429



Tritanomaly

52.2107, 0.3853, 0.3208

Monochromacy



Original Color

52.1232, 0.3907, 0.3292



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.6478, 0.3383, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1232, 0.3907, 0.3292 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(253, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(253, 169, 169)  
}
```

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(253, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 169, 169) }
```

Border

The CSS property to change the border of an element to Yxy 52.1232, 0.3907, 0.3292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

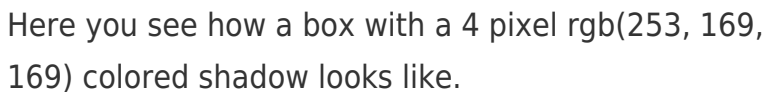
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 169, 169) }
```

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

```
.border{ border-color:rgb(253, 169, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 169, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 169, 169); box-shadow:4px 4px 4px 4px rgb(253, 169, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1232, 0.3907, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 169, 169) }
```

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

```
.background{ background-color: rgb(253,  
169, 169) }
```

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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