

Converting Colors

$Y_{xy}(55.9741, 0.3821, 0.3292)$

Have a look what the booklet for
Yxy(55.9741, 0.3821, 0.3292)
contains.

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Color

Yxy(55.8786, 0.3823, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1B1
RGB	255, 177, 177
RGB Percent	100%, 69%, 69%
CMY	0.0001, 0.3058, 0.3058
CMYK	0.00, 0.31, 0.31, 0.00
HSL	360°, 100%, 85%
HSV	360°, 31%, 100%
XYZ	64.8918, 55.8786, 48.9702
YIQ	200.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

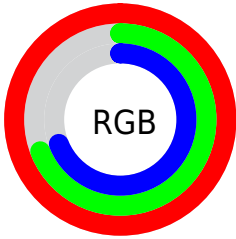
Format	Color
R _Y B	255, 177, 177
Decimal	16757169
CIE Lab	79.54, 28.44, 11.50
CIE LCh	80, 30.677, 22.013
Yxy	55.8786, 0.3823, 0.3292
Android (android.graphics.Color)	4294947249 (0xFFFFB1B1)
YUV	200.3220, -11.4977, 47.9526
Hunter-Lab	74.7520, 24.1390, 13.4854

Details

The Yxy color **55.8786, 0.3823, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88.0697, 0.2686, 0.3289**, and the grayscale version is **58.0204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4210, 0.3278, 0.3290**, and **27.7409, 0.4020, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **45.8074, 0.4170, 0.3293**, and if you desaturate by 10%, it is **68.0268, 0.3541, 0.3291**.

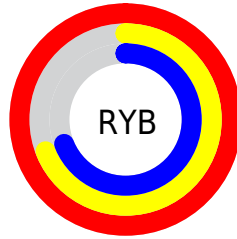
Distribution



Red (100%)

Green (69%)

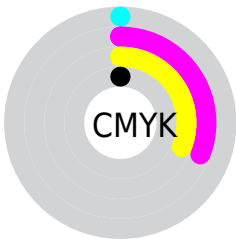
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

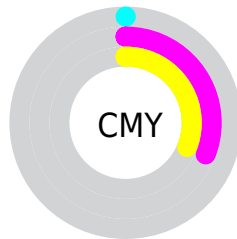


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8786, 0.3823, 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 55.8786, 0.3823, 0.3292 by changing the saturation by 10% instead.


 55.8786, 0.3823,
0.3292

 55.8786, 0.3823,
0.3292


409.2338, 0.3482,
0.3299

 40.1056, 0.3906,
0.3288


 98.8271, 0.3701,
0.3296

 27.6209, 0.4010,
0.3282


126.7713, 0.3655,
0.3297

 18.0401, 0.4146,
0.3272


159.5414, 0.3615,
0.3298

 10.9788, 0.4332,
0.3254

197.5218, 0.3581,
0.3299

 6.0526, 0.4596,
0.3222

241.0968, 0.3552,
0.3299

 2.8771, 0.5001,
0.3157

290.6509, 0.3526,

 1.0679, 0.5884,

0.3299

0.3107

346.5685, 0.3503,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8786, 0.3823,
0.3292

55.8786, 0.3823,
0.3292

45.8074, 0.4170,
0.3293

68.0268, 0.3541,
0.3291

37.6895, 0.4585,
0.3294

82.3506, 0.3316,
0.3291

31.4008, 0.5055,
0.3296

98.9520, 0.3136,
0.3290

26.7993, 0.5539,
0.3297

99.9948, 0.3127,
0.3290

■ 23.7224, 0.5967,
0.3298

■ 21.9756, 0.6264,
0.3299

■ 21.2548, 0.6401,
0.3300

Harmonies

Analogous

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



55.8786, 0.3510, 0.2983



55.8786, 0.3823, 0.3292



55.8786, 0.3934, 0.3618

Triad

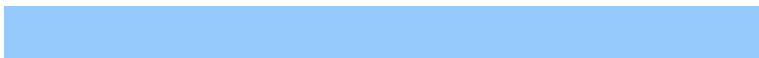
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.8786, 0.3823, 0.3292



55.8786, 0.3111, 0.3924



55.8786, 0.2470, 0.2681

Complementary

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



55.8786, 0.3823, 0.3292



88.0697, 0.2686, 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.



55.8786, 0.2381, 0.2884



55.8786, 0.3823, 0.3292



55.8786, 0.2735, 0.3621

Square

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



55.8786, 0.3823, 0.3292



55.8786, 0.3507, 0.4017



55.8786, 0.2474, 0.3226



55.8786, 0.2725, 0.2640

Rectangle

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



55.8786, 0.3823, 0.3292



55.8786, 0.3878, 0.3811



55.8786, 0.2474, 0.3226



55.8786, 0.2420, 0.2731

Sweetspot

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



55.8813, 0.3823, 0.3292



84.8304, 0.3285, 0.3290



59.6788, 0.3153, 0.2525



17.6700, 0.3313, 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.



55.8813, 0.3823, 0.3292



49.1885, 0.4038, 0.3293



72.8760, 0.3705, 0.3679



17.9871, 0.3295, 0.3291



11.1088, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Inverse Universe

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



55.8813, 0.3823, 0.3292



49.1885, 0.4038, 0.3293



66.3451, 0.2637, 0.2865



17.9871, 0.3295, 0.3291



11.1088, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 55.8786, 0.3823, 0.3292 looks on a white background.

Color Contrast Check

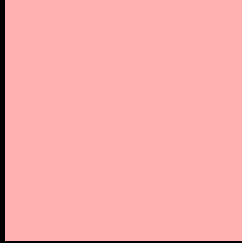
Large Text (above 18pt) WCAG AA × Fail

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 55.8786, 0.3823, 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 55.8786, 0.3823, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 55.8786, 0.3823, 0.3292.



This preview shows how white text looks on a background with the Yxy color 55.8786, 0.3823, 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

55.8786, 0.3823, 0.3292

Protanopia

56.2599, 0.3242, 0.3399

Deuteranopia

55.9296, 0.3543, 0.3464



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

55.8786, 0.3823, 0.3292

Protanomaly

55.8172, 0.3443, 0.3360

Deuteranomaly

55.6654, 0.3643, 0.3392

Tritanomaly

55.8135, 0.3754, 0.3197

Monochromacy



Original Color

55.8786, 0.3823, 0.3292

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.7207, 0.3358, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8786, 0.3823, 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(255, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 177)  
}
```

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, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 177) }
```

Border

The CSS property to change the border of an element to Yxy 55.8786, 0.3823, 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(255, 177, 177) }
```

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

```
.border{ border-color:rgb(255, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8786, 0.3823, 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(255, 177, 177) }
```

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

```
.background{ background-color: rgb(255,  
177, 177) }
```

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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