

Converting Colors

$Yxy(55.0211, 0.3848, 0.3292)$

Have a look what the booklet for
Yxy(55.0211, 0.3848, 0.3292)
contains.

Yxy(55.0151, 0.3848, 0.3292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.0151, 0.3848, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFAF
RGB	255, 175, 175
RGB Percent	100%, 69%, 69%
CMY	0.0000, 0.3137, 0.3137
CMYK	0.00, 0.31, 0.31, 0.00
HSL	360°, 100%, 84%
HSV	360°, 31%, 100%
XYZ	64.3068, 55.0151, 47.7956
YIQ	198.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

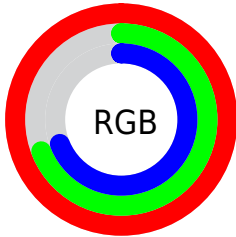
Format	Color
R _Y B	255, 175, 175
Decimal	16756655
CIE Lab	79.05, 29.25, 11.88
CIE LCh	79, 31.567, 22.108
Yxy	55.0151, 0.3848, 0.3292
Android (android.graphics.Color)	4294946735 (0xFFFFAF AF)
YUV	198.9200, -11.7926, 49.1822
Hunter-Lab	74.1722, 24.9572, 13.7148

Details

The Yxy color **55.0151, 0.3848, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.8486, 0.2676, 0.3289**, and the grayscale version is **57.1156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1250, 0.3299, 0.3300**, and **27.0849, 0.4032, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **45.1016, 0.4201, 0.3293**, and if you desaturate by 10%, it is **66.9970, 0.3561, 0.3291**.

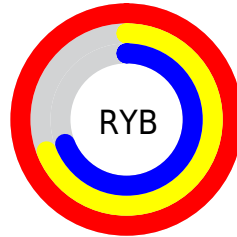
Distribution



Red (100%)

Green (69%)

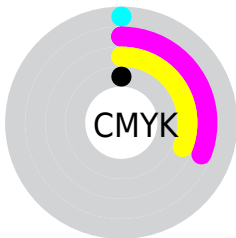
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

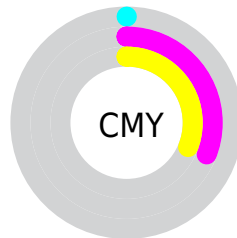


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0151, 0.3848, 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 55.0151, 0.3848, 0.3292 by changing the saturation by 10% instead.


 55.0151, 0.3848,
0.3292

 55.0151, 0.3848,
0.3292

405.9692, 0.3494,
0.3300

 39.4138, 0.3934,
0.3288


 97.5631, 0.3721,
0.3297

 27.0818, 0.4043,
0.3281


125.2786, 0.3673,
0.3298

 17.6347, 0.4186,
0.3270


157.8009, 0.3632,
0.3299

 10.6880, 0.4379,
0.3251

195.5145, 0.3597,
0.3299

 5.8575, 0.4656,
0.3216

238.8037, 0.3566,
0.3299

 2.7586, 0.5081,
0.3144

288.0530, 0.3539,

 1.0070, 0.6079,

0.3300

0.3116

343.6466, 0.3515,
0.3300

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0151, 0.3848,
0.3292

55.0151, 0.3848,
0.3292

45.1016, 0.4201,
0.3293

66.9970, 0.3561,
0.3291

37.1323, 0.4621,
0.3294

81.1467, 0.3332,
0.3291

30.9817, 0.5093,
0.3296

97.5667, 0.3149,
0.3290

26.5066, 0.5576,
0.3297

99.9984, 0.3127,
0.3290

■ 23.5423, 0.5996,
0.3298

■ 21.8909, 0.6280,
0.3299

■ 21.2585, 0.6401,
0.3300

Harmonies

Analogous

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



55.0151, 0.3524, 0.2974



55.0151, 0.3848, 0.3292



55.0151, 0.3962, 0.3629

Triad

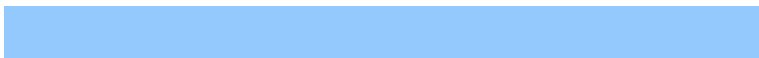
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.0151, 0.3848, 0.3292



55.0151, 0.3108, 0.3947



55.0151, 0.2449, 0.2660

Complementary

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



55.0151, 0.3848, 0.3292



87.8486, 0.2676, 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.



55.0151, 0.2357, 0.2868



55.0151, 0.3848, 0.3292



55.0151, 0.2720, 0.3631

Square

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



55.0151, 0.3848, 0.3292



55.0151, 0.3517, 0.4042



55.0151, 0.2452, 0.3221



55.0151, 0.2713, 0.2619

Rectangle

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



55.0151, 0.3848, 0.3292



55.0151, 0.3902, 0.3827



55.0151, 0.2452, 0.3221



55.0151, 0.2398, 0.2711

Sweetspot

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



55.0177, 0.3848, 0.3292



84.8306, 0.3285, 0.3290



58.8894, 0.3153, 0.2505



17.6701, 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.



55.0177, 0.3848, 0.3292



48.2203, 0.4074, 0.3293



72.2788, 0.3723, 0.3690



17.9871, 0.3295, 0.3290



11.1089, 0.6401, 0.3300



1.0816, 0.6400, 0.3299

Inverse Universe

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



55.0177, 0.3848, 0.3292



48.2203, 0.4074, 0.3293



65.6172, 0.2624, 0.2852



17.9871, 0.3295, 0.3290



11.1089, 0.6401, 0.3300



1.0816, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 55.0151, 0.3848, 0.3292 looks on a white background.

Color Contrast Check

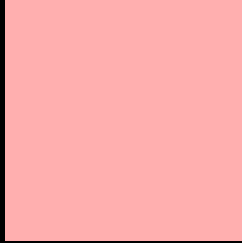
Large Text (above 18pt) WCAG AA × Fail

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 55.0151, 0.3848, 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 55.0151, 0.3848, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 55.0151, 0.3848, 0.3292.



This preview shows how white text looks on a background with the Yxy color 55.0151, 0.3848, 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

55.0151, 0.3848, 0.3292

Protanopia

55.1319, 0.3252, 0.3399

Deuteranopia

55.2210, 0.3561, 0.3488



Tritanopia

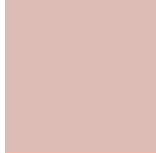
55.1200, 0.3741, 0.3156

Trichromacy



Original Color

55.0151, 0.3848, 0.3292



Protanomaly

54.7160, 0.3455, 0.3361



Deuteranomaly

54.9603, 0.3662, 0.3415



Tritanomaly

54.9510, 0.3778, 0.3197

Monochromacy



Original Color

55.0151, 0.3848, 0.3292



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.6047, 0.3369, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0151, 0.3848, 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, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 175)  
}
```

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, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 175) }
```

Border

The CSS property to change the border of an element to Yxy 55.0151, 0.3848, 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, 175, 175) }
```

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

```
.border{ border-color:rgb(255, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0151, 0.3848, 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, 175, 175) }
```

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

```
.background{ background-color: rgb(255,  
175, 175) }
```

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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