

Converting Colors

$Y_{xy}(55.9625, 0.3988, 0.3506)$

Have a look what the booklet for
Yxy(55.9625, 0.3988, 0.3506)
contains.

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Color

Yxy(55.9688, 0.3988, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	FFB39E
RGB	255, 179, 158
RGB Percent	100%, 70%, 62%
CMY	0.0000, 0.2980, 0.3803
CMYK	0.00, 0.30, 0.38, 0.00
HSL	13°, 100%, 81%
HSV	13°, 38%, 100%
XYZ	63.5365, 55.9688, 39.8138
YIQ	199.3300, 52.0370, 9.5810

Conversions

Conversions Part 2

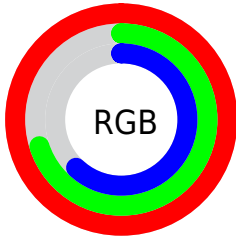
Format	Color
R _Y B	255, 185, 158
Decimal	16757662
CIE Lab	79.60, 25.13, 21.80
CIE LCh	80, 33.272, 40.943
Yxy	55.9688, 0.3988, 0.3513
Android (android.graphics.Color)	4294947742 (0xFFFFB39E)
YUV	199.3300, -20.3757, 48.8226
Hunter-Lab	74.8123, 20.6746, 20.8155

Details

The Yxy color **55.9688, 0.3988, 0.3513** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.3537, 0.2561, 0.3051**, and the grayscale version is **57.4299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4808, 0.3407, 0.3510**, and **27.7190, 0.4209, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **47.7414, 0.4324, 0.3569**, and if you desaturate by 10%, it is **65.5406, 0.3701, 0.3452**.

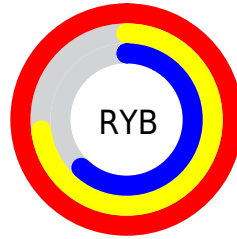
Distribution



Red (100%)

Green (70%)

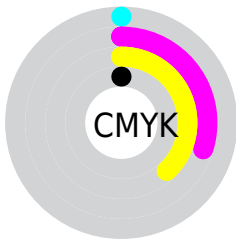
Blue (62%)



Red (100%)

Yellow (73%)

Blue (62%)

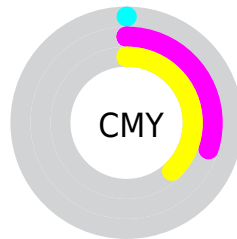


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9688, 0.3988, 0.3513 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 55.9688, 0.3988, 0.3513 by changing the saturation by 10% instead.

 55.9688, 0.3988,
0.3513

 55.9688, 0.3988,
0.3513

409.5739, 0.3567,
0.3420

 40.1779, 0.4089,
0.3531


 98.9590, 0.3837,
0.3483

 27.6773, 0.4217,
0.3550


 126.9270, 0.3780,
0.3471

 18.0825, 0.4383,
0.3572


159.7229, 0.3731,
0.3460

 11.0093, 0.4605,
0.3592

197.7311, 0.3689,
0.3450

 6.0731, 0.4915,
0.3604

241.3358, 0.3653,
0.3441

 2.8896, 0.5374,
0.3587

290.9216, 0.3621,

 1.0743, 0.6376,

0.3434

0.3624

346.8729, 0.3592,
0.3426

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9688, 0.3988,
0.3513

55.9688, 0.3988,
0.3513

47.7414, 0.4324,
0.3569

65.5406, 0.3701,
0.3452

40.7956, 0.4705,
0.3613

76.5120, 0.3461,
0.3392

35.0660, 0.5115,
0.3635

88.9375, 0.3262,
0.3334

30.4805, 0.5521,
0.3625

100.0000, 0.3127,
0.3290

■ 26.9589, 0.5875,
0.3577

■ 24.4079, 0.6133,
0.3495

■ 24.0064, 0.6175,
0.3479

Harmonies

Analogous

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



55.9688, 0.3777, 0.3161



55.9688, 0.3988, 0.3513



55.9688, 0.3946, 0.3839

Triad

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



55.9688, 0.3988, 0.3513



55.9688, 0.2841, 0.3793



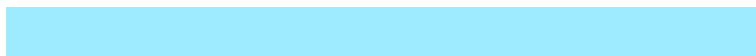
55.9688, 0.2572, 0.2585

Complementary

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



55.9688, 0.3988, 0.3513



73.3537, 0.2561, 0.3051

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.



55.9688, 0.2361, 0.2691



55.9688, 0.3988, 0.3513



55.9688, 0.2506, 0.3378

Square

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



55.9688, 0.3988, 0.3513



55.9688, 0.3269, 0.4048



55.9688, 0.2337, 0.2969



55.9688, 0.2938, 0.2648

Rectangle

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



55.9688, 0.3988, 0.3513



55.9688, 0.3786, 0.3999



55.9688, 0.2337, 0.2969



55.9688, 0.2482, 0.2601

Sweetspot

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



55.9694, 0.3988, 0.3513



85.0903, 0.3317, 0.3351



51.7563, 0.3332, 0.2516



17.8465, 0.3344, 0.3358



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.



55.9694, 0.3988, 0.3513



49.3047, 0.4252, 0.3558



78.0724, 0.3802, 0.3980



18.6237, 0.3289, 0.3342



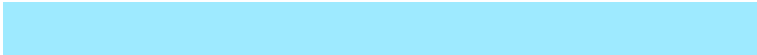
12.7197, 0.6150, 0.3499



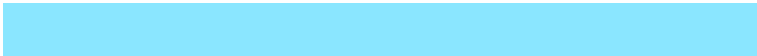
1.3900, 0.5940, 0.3666

Inverse Universe

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



73.3537, 0.2561, 0.3051



68.9869, 0.2458, 0.2992



50.0832, 0.2477, 0.2483



19.7754, 0.2980, 0.3237



25.5501, 0.2049, 0.2577



2.6454, 0.2074, 0.2667

Previews

White Background



This preview shows how the Yxy color 55.9688, 0.3988, 0.3513 looks on a white background.

Color Contrast Check

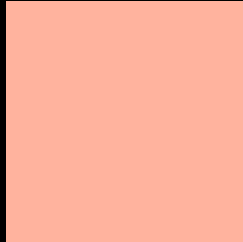
Large Text (above 18pt) WCAG AA × Fail

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 55.9688, 0.3988, 0.3513 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 55.9688, 0.3988, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 55.9688, 0.3988, 0.3513.



This preview shows how white text looks on a background with the Yxy color 55.9688, 0.3988, 0.3513.

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

55.9688, 0.3988, 0.3513

Protanopia

56.1324, 0.3446, 0.3652

Deuteranopia

56.2161, 0.3753, 0.3678



Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

55.9688, 0.3988, 0.3513



Protanomaly

55.5148, 0.3634, 0.3592



Deuteranomaly

56.0774, 0.3838, 0.3612



Tritanomaly

55.8786, 0.3823, 0.3292

Monochromacy



Original Color

55.9688, 0.3988, 0.3513



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

56.2200, 0.3414, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9688, 0.3988, 0.3513 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, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 158)  
}
```

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, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 158) }
```

Border

The CSS property to change the border of an element to Yxy 55.9688, 0.3988, 0.3513 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, 179, 158) }
```

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

```
.border{ border-color:rgb(255, 179, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9688, 0.3988, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 158) }
```

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

```
.background{ background-color: rgb(255,  
179, 158) }
```

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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