

Converting Colors

$Y_{xy}(88.8290, 0.4920, 0.3416)$

Have a look what the booklet for
Yxy(88.8290, 0.4920, 0.3416)
contains.

Yxy(55.6040, 0.3983, 0.3492)	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(55.6040, 0.3983, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	FFB29F
RGB	255, 178, 159
RGB Percent	100%, 70%, 62%
CMY	0.0000, 0.3020, 0.3763
CMYK	0.00, 0.30, 0.38, 0.00
HSL	12°, 100%, 81%
HSV	12°, 38%, 100%
XYZ	63.4223, 55.6040, 40.2062
YIQ	198.8570, 51.9910, 10.4150

Conversions

Conversions Part 2

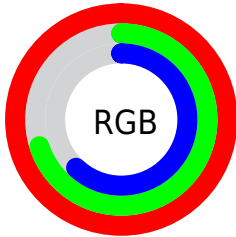
Format	Color
R _Y B	255, 183, 159
Decimal	16757407
CIE Lab	79.39, 25.77, 20.98
CIE LCh	79, 33.226, 39.148
Yxy	55.6040, 0.3983, 0.3492
Android (android.graphics.Color)	4294947487 (0xFFFFB29F)
YUV	198.8570, -19.6495, 49.2374
Hunter-Lab	74.5681, 21.3253, 20.2292

Details

The Yxy color **55.6040, 0.3983, 0.3492** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.6052, 0.2570, 0.3074**, and the grayscale version is **57.1218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9607, 0.3402, 0.3490**, and **27.4857, 0.4203, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **47.2656, 0.4322, 0.3543**, and if you desaturate by 10%, it is **65.3426, 0.3694, 0.3437**.

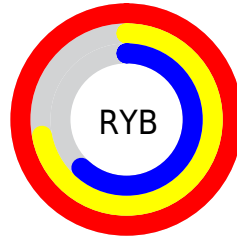
Distribution



Red (100%)

Green (70%)

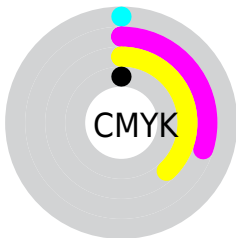
Blue (62%)



Red (100%)

Yellow (72%)

Blue (62%)

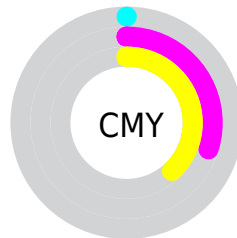


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6040, 0.3983, 0.3492 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 55.6040, 0.3983, 0.3492 by changing the saturation by 10% instead.


 55.6040, 0.3983,
0.3492


 55.6040, 0.3983,
0.3492


408.1974, 0.3564,
0.3409

 39.8855, 0.4084,
0.3508


 98.4253, 0.3833,
0.3466

 27.4493, 0.4212,
0.3525


 126.2970, 0.3776,
0.3455

 17.9109, 0.4378,
0.3543


158.9885, 0.3727,
0.3445

 10.8861, 0.4600,
0.3559

196.8842, 0.3686,
0.3436

 5.9903, 0.4912,
0.3566

240.3686, 0.3649,
0.3428

 2.8392, 0.5374,
0.3540

289.8260, 0.3617,

 1.0484, 0.6419,

0.3421

0.3581

345.6408, 0.3589,
0.3415

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6040, 0.3983,
0.3492

55.6040, 0.3983,
0.3492

47.2656, 0.4322,
0.3543

65.3426, 0.3694,
0.3437

40.2576, 0.4709,
0.3583

76.5371, 0.3454,
0.3381

34.5115, 0.5127,
0.3603

89.2461, 0.3255,
0.3328

29.9506, 0.5540,
0.3593

100.0000, 0.3127,
0.3290

■ 26.4893, 0.5900,
0.3547

■ 24.0283, 0.6160,
0.3470

■ 23.5752, 0.6209,
0.3452

Harmonies

Analogous

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



55.6040, 0.3758, 0.3141



55.6040, 0.3983, 0.3492



55.6040, 0.3956, 0.3822

Triad

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



55.6040, 0.3983, 0.3492



55.6040, 0.2865, 0.3815



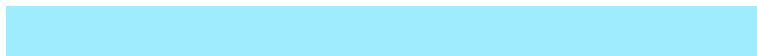
55.6040, 0.2554, 0.2586

Complementary

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



55.6040, 0.3983, 0.3492



74.6052, 0.2570, 0.3074

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.



55.6040, 0.2353, 0.2703



55.6040, 0.3983, 0.3492



55.6040, 0.2521, 0.3404

Square

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



55.6040, 0.3983, 0.3492



55.6040, 0.3295, 0.4056



55.6040, 0.2341, 0.2991



55.6040, 0.2913, 0.2640

Rectangle

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



55.6040, 0.3983, 0.3492



55.6040, 0.3805, 0.3989



55.6040, 0.2341, 0.2991



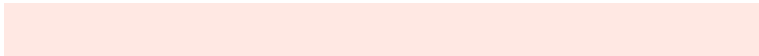
55.6040, 0.2468, 0.2606

Sweetspot

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



55.6056, 0.3983, 0.3492



84.7948, 0.3318, 0.3345



52.2066, 0.3316, 0.2509



17.7765, 0.3344, 0.3353



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.



55.6056, 0.3983, 0.3492



49.3297, 0.4228, 0.3531



77.4049, 0.3800, 0.3958



18.5681, 0.3289, 0.3338



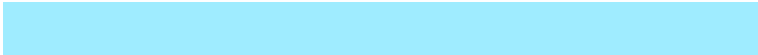
12.4821, 0.6184, 0.3472



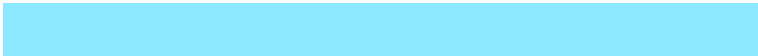
1.3593, 0.5980, 0.3634

Inverse Universe

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



74.6052, 0.2570, 0.3074



70.7117, 0.2475, 0.3025



51.1725, 0.2487, 0.2513



19.8355, 0.2980, 0.3242



26.7036, 0.2067, 0.2642



2.7482, 0.2090, 0.2724

Previews

White Background



This preview shows how the Yxy color 55.6040, 0.3983, 0.3492 looks on a white background.

Color Contrast Check

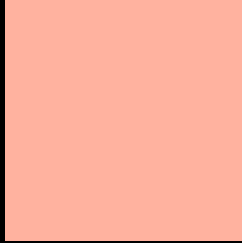
Large Text (above 18pt) WCAG AA × Fail

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 55.6040, 0.3983, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

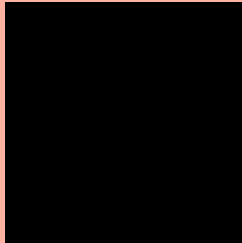
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6040, 0.3983, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 55.6040, 0.3983, 0.3492.



This preview shows how white text looks on a background with the Yxy color 55.6040, 0.3983, 0.3492.

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

55.6040, 0.3983, 0.3492

Protanopia

56.0251, 0.3429, 0.3641

Deuteranopia

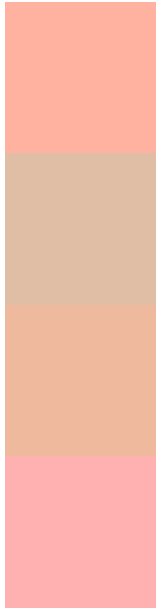
55.6525, 0.3739, 0.3656



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.6040, 0.3983, 0.3492

Protanomaly

55.3908, 0.3617, 0.3581

Deuteranomaly

55.5173, 0.3824, 0.3591

Tritanomaly

55.4850, 0.3827, 0.3282

Monochromacy



Original Color

55.6040, 0.3983, 0.3492

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.7824, 0.3415, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6040, 0.3983, 0.3492 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, 178, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 159)  
}
```

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, 178, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 159) }
```

Border

The CSS property to change the border of an element to Yxy 55.6040, 0.3983, 0.3492 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, 178, 159) }
```

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

```
.border{ border-color:rgb(255, 178, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6040, 0.3983, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 159) }
```

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

```
.background{ background-color: rgb(255,  
178, 159) }
```

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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