

Converting Colors

$Y_{xy}(56.7787, 0.4056, 0.3490)$

Have a look what the booklet for
Yxy(56.7787, 0.4056, 0.3490)
contains.

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Color

Yxy(55.1729, 0.3996, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	FFB19E
RGB	255, 177, 158
RGB Percent	100%, 69%, 62%
CMY	0.0000, 0.3059, 0.3802
CMYK	0.00, 0.31, 0.38, 0.00
HSL	12°, 100%, 81%
HSV	12°, 38%, 100%
XYZ	63.1360, 55.1729, 39.6891
YIQ	198.1560, 52.5870, 10.6270

Conversions

Conversions Part 2

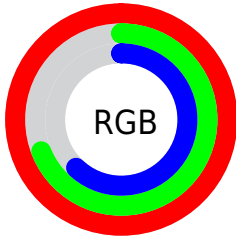
Format	Color
R _Y B	255, 182, 158
Decimal	16757150
CIE Lab	79.14, 26.17, 21.17
CIE LCh	79, 33.663, 38.963
Yxy	55.1729, 0.3996, 0.3492
Android (android.graphics.Color)	4294947230 (0xFFFFB19E)
YUV	198.1560, -19.7969, 49.8522
Hunter-Lab	74.2785, 21.7360, 20.3146

Details

The Yxy color **55.1729, 0.3996, 0.3492** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.5064, 0.2565, 0.3074**, and the grayscale version is **56.6737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3419, 0.3410, 0.3491**, and **27.2126, 0.4222, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **46.8824, 0.4338, 0.3542**, and if you desaturate by 10%, it is **64.8690, 0.3705, 0.3437**.

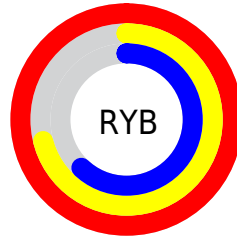
Distribution



Red (100%)

Green (69%)

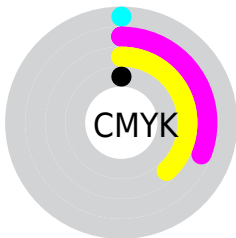
Blue (62%)



Red (100%)

Yellow (71%)

Blue (62%)

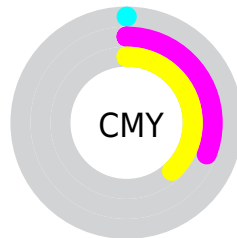


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1729, 0.3996, 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 55.1729, 0.3996, 0.3492 by changing the saturation by 10% instead.


 55.1729, 0.3996,
0.3492


 55.1729, 0.3996,
0.3492


406.5670, 0.3570,
0.3409

 39.5402, 0.4099,
0.3507


 97.7942, 0.3843,
0.3466

 27.1802, 0.4229,
0.3524


 125.5516, 0.3785,
0.3455

 17.7086, 0.4398,
0.3541


158.1194, 0.3736,
0.3445

 10.7410, 0.4625,
0.3556

195.8818, 0.3693,
0.3436

 5.8929, 0.4943,
0.3561

239.2234, 0.3656,
0.3428

 2.7801, 0.5416,
0.3533

288.5286, 0.3624,

 1.0180, 0.6453,

0.3421

0.3547

344.1816, 0.3595,
0.3415

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1729, 0.3996,
0.3492

55.1729, 0.3996,
0.3492

46.8824, 0.4338,
0.3542

64.8690, 0.3705,
0.3437

39.9240, 0.4727,
0.3582

76.0238, 0.3463,
0.3382

34.2295, 0.5146,
0.3600

88.6975, 0.3262,
0.3330

29.7211, 0.5559,
0.3589

99.9995, 0.3127,
0.3290

■ 26.3123, 0.5917,
0.3541

■ 23.9019, 0.6172,
0.3464

■ 23.5292, 0.6212,
0.3449

Harmonies

Analogous

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



55.1729, 0.3766, 0.3136



55.1729, 0.3996, 0.3492



55.1729, 0.3970, 0.3828

Triad

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



55.1729, 0.3996, 0.3492



55.1729, 0.2863, 0.3826



55.1729, 0.2544, 0.2576

Complementary

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



55.1729, 0.3996, 0.3492



74.5064, 0.2565, 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.



55.1729, 0.2341, 0.2695



55.1729, 0.3996, 0.3492



55.1729, 0.2514, 0.3408

Square

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



55.1729, 0.3996, 0.3492



55.1729, 0.3300, 0.4070



55.1729, 0.2330, 0.2988



55.1729, 0.2907, 0.2629

Rectangle

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



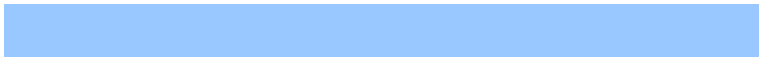
55.1729, 0.3996, 0.3492



55.1729, 0.3817, 0.3998



55.1729, 0.2330, 0.2988



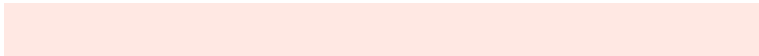
55.1729, 0.2456, 0.2596

Sweetspot

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



55.1756, 0.3996, 0.3492



84.7619, 0.3318, 0.3345



51.8560, 0.3318, 0.2501



17.7687, 0.3344, 0.3352



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.



55.1756, 0.3996, 0.3492



48.4498, 0.4265, 0.3533



77.2001, 0.3808, 0.3965



18.5619, 0.3290, 0.3337



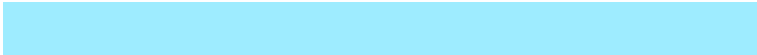
12.4569, 0.6188, 0.3469



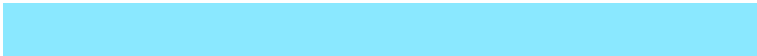
1.3560, 0.5984, 0.3630

Inverse Universe

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



74.5064, 0.2565, 0.3074



70.3457, 0.2463, 0.3021



50.7797, 0.2480, 0.2503



19.8422, 0.2980, 0.3242



26.8345, 0.2069, 0.2649



2.7598, 0.2092, 0.2730

Previews

White Background



This preview shows how the Yxy color 55.1729, 0.3996, 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 55.1729, 0.3996, 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 55.1729, 0.3996, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 55.1729, 0.3996, 0.3492.



This preview shows how white text looks on a background with the Yxy color 55.1729, 0.3996, 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

55.1729, 0.3996, 0.3492

Protanopia

55.5353, 0.3439, 0.3642

Deuteranopia

55.4535, 0.3739, 0.3669



Tritanopia

55.1200, 0.3741, 0.3156

Trichromacy



Original Color

55.1729, 0.3996, 0.3492

Protanomaly

54.9228, 0.3628, 0.3581

Deuteranomaly

55.3094, 0.3824, 0.3604

Tritanomaly

55.0545, 0.3839, 0.3282

Monochromacy



Original Color

55.1729, 0.3996, 0.3492

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.3059, 0.3425, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1729, 0.3996, 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, 177, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 158) }
```

Border

The CSS property to change the border of an element to Yxy 55.1729, 0.3996, 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, 177, 158) }
```

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

```
.border{ border-color:rgb(255, 177, 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, 177, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1729, 0.3996, 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, 177, 158) }
```

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

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