

Converting Colors

$Y_{xy}(55.3439, 0.4029, 0.3542)$

Have a look what the booklet for
Yxy(55.3439, 0.4029, 0.3542)
contains.

Yxy(55.4339, 0.4028, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.4339, 0.4028, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	FFB29A
RGB	255, 178, 154
RGB Percent	100%, 70%, 60%
CMY	0.0001, 0.3019, 0.3961
CMYK	0.00, 0.30, 0.40, 0.00
HSL	14°, 100%, 80%
HSV	14°, 40%, 100%
XYZ	62.9867, 55.4339, 37.9515
YIQ	198.2870, 53.5960, 8.8600

Conversions

Conversions Part 2

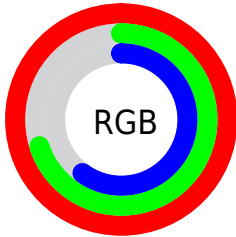
Format	Color
R _Y B	255, 185, 154
Decimal	16757402
CIE Lab	79.29, 25.18, 23.54
CIE LCh	79, 34.475, 43.070
Yxy	55.4339, 0.4028, 0.3545
Android (android.graphics.Color)	4294947482 (0xFFFFB29A)
YUV	198.2870, -21.8335, 49.7373
Hunter-Lab	74.4539, 20.7133, 21.8958

Details

The Yxy color **55.4339, 0.4028, 0.3545** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.2175, 0.2536, 0.3013**, and the grayscale version is **56.7679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6597, 0.3442, 0.3551**, and **27.3823, 0.4264, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **47.4811, 0.4365, 0.3605**, and if you desaturate by 10%, it is **64.6680, 0.3738, 0.3479**.

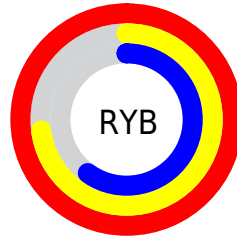
Distribution



Red (100%)

Green (70%)

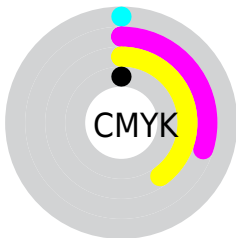
Blue (60%)



Red (100%)

Yellow (73%)

Blue (60%)

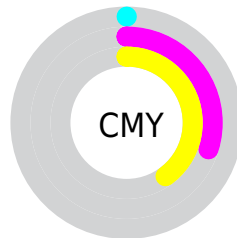


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4339, 0.4028, 0.3545 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 55.4339, 0.4028, 0.3545 by changing the saturation by 10% instead.


 55.4339, 0.4028,
0.3545


 55.4339, 0.4028,
0.3545


407.5546, 0.3587,
0.3438

 39.7492, 0.4134,
0.3566


 98.1764, 0.3870,
0.3511

 27.3431, 0.4268,
0.3588


 126.0030, 0.3810,
0.3497

 17.8310, 0.4441,
0.3613


158.6457, 0.3759,
0.3484

 10.8288, 0.4672,
0.3637

196.4889, 0.3715,
0.3473

 5.9518, 0.4994,
0.3651

239.9170, 0.3677,
0.3463

 2.8158, 0.5480,
0.3641

289.3144, 0.3643,

 1.0363, 0.6394,

0.3454

0.3606

345.0655, 0.3613,
0.3445

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4339, 0.4028,
0.3545

55.4339, 0.4028,
0.3545

47.4811, 0.4365,
0.3605

64.6680, 0.3738,
0.3479

40.7442, 0.4744,
0.3651

75.2290, 0.3494,
0.3412

35.1640, 0.5146,
0.3673

87.1700, 0.3290,
0.3348

30.6729, 0.5539,
0.3659

99.9955, 0.3127,
0.3290

■ 27.1955, 0.5877,
0.3604

■ 24.6403, 0.6125,
0.3515

■ 24.5554, 0.6133,
0.3512

Harmonies

Analogous

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



55.4339, 0.3827, 0.3180



55.4339, 0.4028, 0.3545



55.4339, 0.3964, 0.3879

Triad

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



55.4339, 0.4028, 0.3545



55.4339, 0.2800, 0.3787



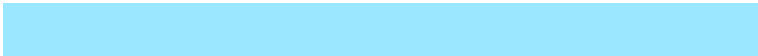
55.4339, 0.2573, 0.2559

Complementary

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



55.4339, 0.4028, 0.3545



71.2175, 0.2536, 0.3013

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.



55.4339, 0.2342, 0.2654



55.4339, 0.4028, 0.3545



55.4339, 0.2463, 0.3348

Square

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



55.4339, 0.4028, 0.3545



55.4339, 0.3240, 0.4070



55.4339, 0.2303, 0.2930



55.4339, 0.2961, 0.2636

Rectangle

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



55.4339, 0.4028, 0.3545



55.4339, 0.3788, 0.4040



55.4339, 0.2303, 0.2930



55.4339, 0.2476, 0.2571

Sweetspot

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



55.4366, 0.4028, 0.3545



84.1958, 0.3336, 0.3363



50.1599, 0.3372, 0.2515



17.6798, 0.3361, 0.3371



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.



55.4366, 0.4028, 0.3545



48.6821, 0.4308, 0.3596



79.1027, 0.3821, 0.4040



18.6883, 0.3288, 0.3347



13.0231, 0.6106, 0.3533



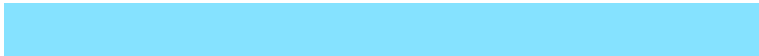
1.4279, 0.5892, 0.3704

Inverse Universe

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



71.2175, 0.2536, 0.3013



66.5052, 0.2427, 0.2944



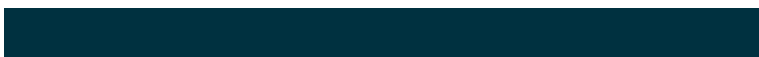
47.1068, 0.2441, 0.2402



19.7060, 0.2980, 0.3232



24.2567, 0.2028, 0.2500



2.5296, 0.2056, 0.2601

Previews

White Background



This preview shows how the Yxy color 55.4339, 0.4028, 0.3545 looks on a white background.

Color Contrast Check

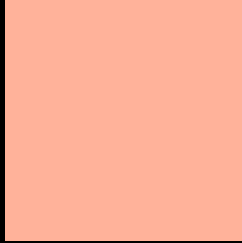
Large Text (above 18pt) WCAG AA × Fail

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 55.4339, 0.4028, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

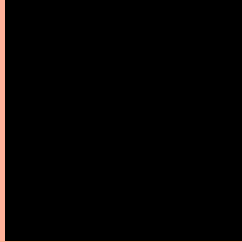
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4339, 0.4028, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 55.4339, 0.4028, 0.3545.



This preview shows how white text looks on a background with the Yxy color 55.4339, 0.4028, 0.3545.

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

55.4339, 0.4028, 0.3545

Protanopia

55.5341, 0.3479, 0.3690

Deuteranopia

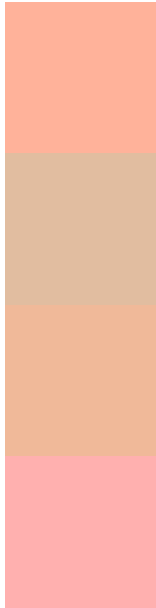
55.6511, 0.3790, 0.3712



Tritanopia

55.5078, 0.3738, 0.3166

Trichromacy



Original Color

55.4339, 0.4028, 0.3545

Protanomaly

54.9408, 0.3670, 0.3627

Deuteranomaly

55.5231, 0.3876, 0.3646

Tritanomaly

55.4058, 0.3845, 0.3303

Monochromacy



Original Color

55.4339, 0.4028, 0.3545

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6991, 0.3432, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4339, 0.4028, 0.3545 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 154) }
```

Border

The CSS property to change the border of an element to Yxy 55.4339, 0.4028, 0.3545 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, 154) }
```

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

```
.border{ border-color:rgb(255, 178, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4339, 0.4028, 0.3545 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
178, 154) }
```

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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