

Converting Colors

$Y_{xy}(56.0585, 0.3920, 0.3450)$

Have a look what the booklet for
Yxy(56.0585, 0.3920, 0.3450)
contains.

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Color

Yxy(55.9914, 0.3925, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	FEB3A4
RGB	254, 179, 164
RGB Percent	100%, 70%, 64%
CMY	0.0041, 0.2979, 0.3569
CMYK	0.00, 0.30, 0.35, 0.00
HSL	10°, 98%, 82%
HSV	10°, 35%, 100%
XYZ	63.6819, 55.9914, 42.5736
YIQ	199.7150, 49.5150, 11.2350

Conversions

Conversions Part 2

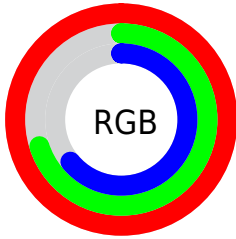
Format	Color
RYB	254, 182, 164
Decimal	16692132
CIELab	79.61, 25.41, 18.59
CIELCh	80, 31.488, 36.196
Yxy	55.9914, 0.3925, 0.3451
Android (android.graphics.Color)	4294882212 (0xFFFE3A4)
YUV	199.7150, -17.6075, 47.6079
Hunter-Lab	74.8274, 20.9646, 18.6457

Details

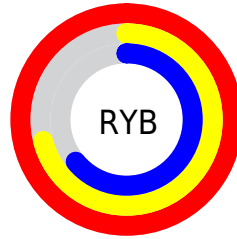
The Yxy color **55.9914, 0.3925, 0.3451** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.7378, 0.2604, 0.3120**, and the grayscale version is **57.6630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7911, 0.3367, 0.3450**, and **27.6937, 0.4136, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **47.3257, 0.4261, 0.3496**, and if you desaturate by 10%, it is **66.1464, 0.3642, 0.3404**.

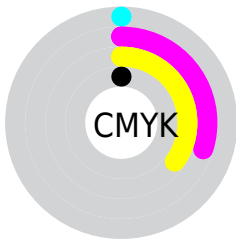
Distribution



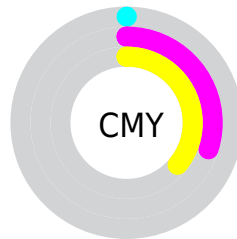
- Red (100%)
- Green (70%)
- Blue (64%)



- Red (100%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9914, 0.3925, 0.3451 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 55.9914, 0.3925, 0.3451 by changing the saturation by 10% instead.


 55.9914, 0.3925,
0.3451


 55.9914, 0.3925,
0.3451


409.6591, 0.3534,
0.3385

 40.1960, 0.4019,
0.3463


 98.9920, 0.3785,
0.3430

 27.6914, 0.4139,
0.3476


 126.9660, 0.3732,
0.3422

 18.0932, 0.4294,
0.3490


159.7684, 0.3687,
0.3414

 11.0169, 0.4502,
0.3501

197.7835, 0.3648,
0.3407

 6.0782, 0.4797,
0.3505

241.3957, 0.3614,
0.3401

 2.8927, 0.5237,
0.3480

290.9894, 0.3584,

 1.0760, 0.6389,

0.3395

0.3611

346.9491, 0.3558,
0.3390

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9914, 0.3925,
0.3451

55.9914, 0.3925,
0.3451

47.3257, 0.4261,
0.3496

66.1464, 0.3642,
0.3404

40.0713, 0.4649,
0.3532

77.8480, 0.3408,
0.3357

34.1550, 0.5075,
0.3551

91.1604, 0.3216,
0.3313

29.4939, 0.5504,
0.3546

99.8024, 0.3121,
0.3290

■ 25.9953, 0.5886,
0.3510

■ 23.5535, 0.6166,
0.3445

■ 22.7482, 0.6257,
0.3414

Harmonies

Analogous

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



55.9914, 0.3692, 0.3118



55.9914, 0.3925, 0.3451



55.9914, 0.3924, 0.3769

Triad

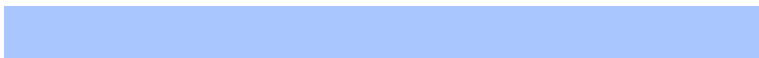
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.9914, 0.3925, 0.3451



55.9914, 0.2918, 0.3816



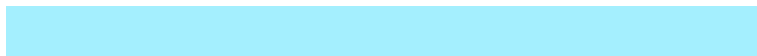
55.9914, 0.2558, 0.2626

Complementary

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



55.9914, 0.3925, 0.3451



76.7378, 0.2604, 0.3120

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.



55.9914, 0.2383, 0.2754



55.9914, 0.3925, 0.3451



55.9914, 0.2579, 0.3439

Square

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



55.9914, 0.3925, 0.3451



55.9914, 0.3328, 0.4022



55.9914, 0.2390, 0.3043



55.9914, 0.2886, 0.2660

Rectangle

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



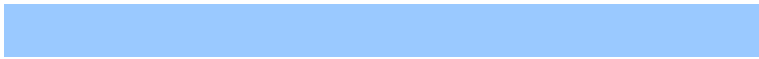
55.9914, 0.3925, 0.3451



55.9914, 0.3796, 0.3933



55.9914, 0.2390, 0.3043



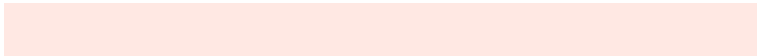
55.9914, 0.2481, 0.2650

Sweetspot

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



55.9941, 0.3925, 0.3451



84.3114, 0.3319, 0.3337



53.8441, 0.3290, 0.2541



17.6622, 0.3346, 0.3343



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.



55.9941, 0.3925, 0.3451



49.7463, 0.4175, 0.3485



77.0385, 0.3761, 0.3904



18.4771, 0.3290, 0.3330



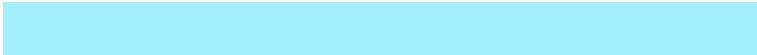
12.1389, 0.6236, 0.3431



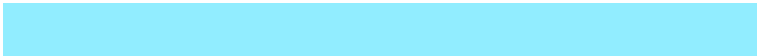
1.3130, 0.6043, 0.3584

Inverse Universe

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



76.7378, 0.2604, 0.3120



73.6577, 0.2507, 0.3078



53.6234, 0.2530, 0.2585



19.9345, 0.2980, 0.3249



28.6739, 0.2097, 0.2747



2.9228, 0.2116, 0.2816

Previews

White Background



This preview shows how the Yxy color 55.9914, 0.3925, 0.3451 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 55.9914, 0.3925, 0.3451 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 55.9914, 0.3925, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 55.9914, 0.3925, 0.3451.



This preview shows how white text looks on a background with the Yxy color 55.9914, 0.3925, 0.3451.

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

55.9914, 0.3925, 0.3451

Protanopia

56.2150, 0.3390, 0.3580

Deuteranopia

56.0936, 0.3685, 0.3611



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

55.9914, 0.3925, 0.3451

Protanomaly

55.5765, 0.3575, 0.3523

Deuteranomaly

55.9393, 0.3769, 0.3548

Tritanomaly

55.9996, 0.3796, 0.3260

Monochromacy



Original Color

55.9914, 0.3925, 0.3451

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5028, 0.3398, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9914, 0.3925, 0.3451 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(254, 179, 164)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 164)  
}
```

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(254, 179, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 164) }
```

Border

The CSS property to change the border of an element to Yxy 55.9914, 0.3925, 0.3451 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(254, 179, 164) }
```

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

```
.border{ border-color:rgb(254, 179, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 164);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9914, 0.3925, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 164) }
```

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

```
.background{ background-color: rgb(254,  
179, 164) }
```

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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