

Converting Colors

Yxy(66.6167, 0.4584, 0.3531)

Have a look what the booklet for
Yxy(66.6167, 0.4584, 0.3531)
contains.

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Color

Yxy(53.9953, 0.4114, 0.3597)

Conversions

Conversions Part 1	
Format	Color
Hex	FFAF92
RGB	255, 175, 146
RGB Percent	100%, 69%, 57%
CMY	0.0000, 0.3137, 0.4275
CMYK	0.00, 0.31, 0.43, 0.00
HSL	16°, 100%, 79%
HSV	16°, 43%, 100%
XYZ	61.7561, 53.9953, 34.3606
YIQ	195.6140, 56.9890, 7.9410

Conversions

Conversions Part 2

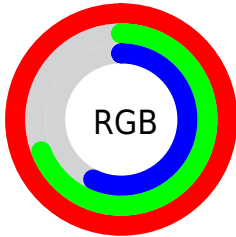
Format	Color
RYB	255, 186, 146
Decimal	16756626
CIELab	78.46, 25.91, 26.70
CIELCh	78, 37.203, 45.854
Yxy	53.9953, 0.4114, 0.3597
Android (android.graphics.Color)	4294946706 (0xFFFFAF92)
YUV	195.6140, -24.4597, 52.0815
Hunter-Lab	73.4815, 21.4242, 23.7125

Details

The Yxy color **53.9953, 0.4114, 0.3597** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.7130, 0.2488, 0.2951**, and the grayscale version is **55.0838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5820, 0.3501, 0.3603**, and **26.4811, 0.4383, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **46.5041, 0.4456, 0.3661**, and if you desaturate by 10%, it is **62.6781, 0.3816, 0.3524**.

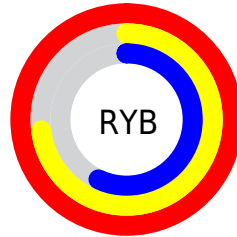
Distribution



Red (100%)

Green (69%)

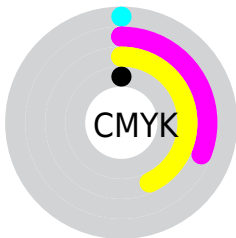
Blue (57%)



Red (100%)

Yellow (73%)

Blue (57%)

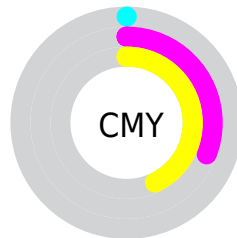


Cyan (0%)

Magenta (31%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9953, 0.4114, 0.3597 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 53.9953, 0.4114, 0.3597 by changing the saturation by 10% instead.

 53.9953, 0.4114,
0.3597


 53.9953, 0.4114,
0.3597


402.0921, 0.3629,
0.3468

 38.5979, 0.4231,
0.3622


 96.0673, 0.3941,
0.3556

 26.4471, 0.4377,
0.3649


 123.5108, 0.3875,
0.3539

 17.1584, 0.4567,
0.3677


155.7384, 0.3819,
0.3524

 10.3475, 0.4819,
0.3703

193.1345, 0.3770,
0.3510

 5.6300, 0.5165,
0.3715

236.0835, 0.3728,
0.3498

 2.6214, 0.5753,
0.3736


284.9698, 0.3691,


 0.9374, 0.6476,


0.3487


0.3524


340.1779, 0.3658,
0.3477


 0.0000, 1.0000,
0.0000


 0.0000, 0.0000,
0.0000

 53.9953, 0.4114,
0.3597


 53.9953, 0.4114,
0.3597


 46.5041, 0.4456,
0.3661


 62.6781, 0.3816,
0.3524


 40.1434, 0.4832,
0.3707


 72.5942, 0.3562,
0.3450

 34.8583, 0.5224,
0.3723

 83.7931, 0.3349,
0.3377

 30.5860, 0.5594,
0.3698

 96.3190, 0.3171,
0.3308

 27.2559, 0.5902, 99.9985, 0.3127,
0.3629 0.3290

 25.3773, 0.6073,
0.3560

Harmonies

Analogous

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



53.9953, 0.3921, 0.3204



53.9953, 0.4114, 0.3597



53.9953, 0.4015, 0.3954

Triad

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



53.9953, 0.4114, 0.3597



53.9953, 0.2730, 0.3794



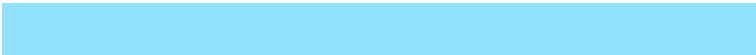
53.9953, 0.2559, 0.2500

Complementary

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



53.9953, 0.4114, 0.3597



67.7130, 0.2488, 0.2951

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.



53.9953, 0.2294, 0.2582



53.9953, 0.4114, 0.3597



53.9953, 0.2383, 0.3304

Square

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



53.9953, 0.4114, 0.3597



53.9953, 0.3201, 0.4127



53.9953, 0.2231, 0.2859



53.9953, 0.2990, 0.2600

Rectangle

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



53.9953, 0.4114, 0.3597



53.9953, 0.3808, 0.4121



53.9953, 0.2231, 0.2859



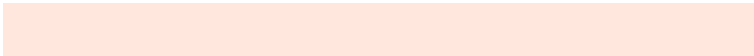
53.9953, 0.2449, 0.2506

Sweetspot

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



53.9979, 0.4114, 0.3597



83.4952, 0.3354, 0.3379



47.4034, 0.3414, 0.2472



17.3198, 0.3398, 0.3394



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.



53.9979, 0.4114, 0.3597



47.7308, 0.4393, 0.3651



78.6799, 0.3874, 0.4114



18.7733, 0.3288, 0.3354



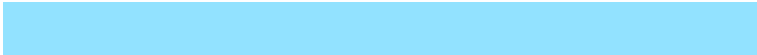
13.4682, 0.6045, 0.3582



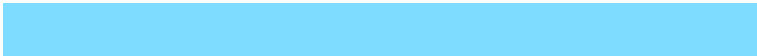
1.4816, 0.5826, 0.3756

Inverse Universe

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



67.7130, 0.2488, 0.2951



62.9645, 0.2381, 0.2873



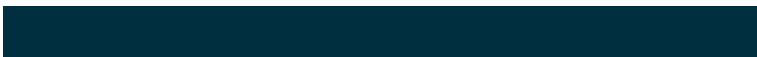
43.3127, 0.2378, 0.2294



19.6152, 0.2980, 0.3225



22.6295, 0.2000, 0.2400



2.3829, 0.2032, 0.2513

Previews

White Background



This preview shows how the Yxy color 53.9953, 0.4114, 0.3597 looks on a white background.

Color Contrast Check

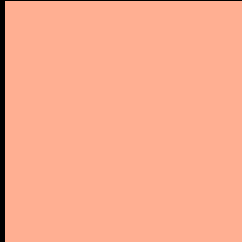
Large Text (above 18pt) WCAG AA × Fail

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 53.9953, 0.4114, 0.3597 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 53.9953, 0.4114, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 53.9953, 0.4114, 0.3597.



This preview shows how white text looks on a background with the Yxy color 53.9953, 0.4114, 0.3597.

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

53.9953, 0.4114, 0.3597

Protanopia

54.2155, 0.3539, 0.3766

Deuteranopia

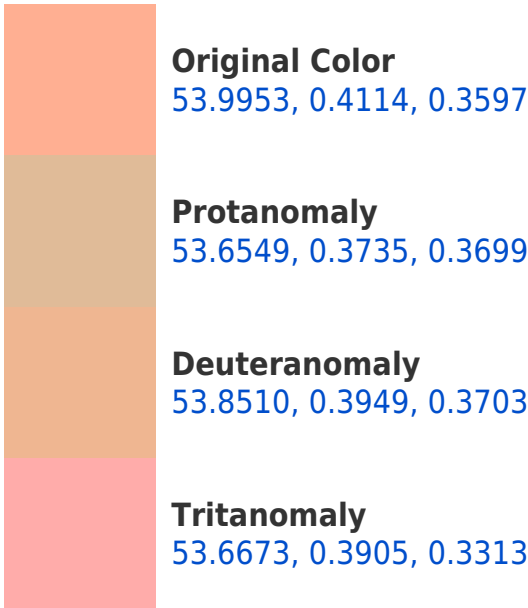
53.9544, 0.3860, 0.3771



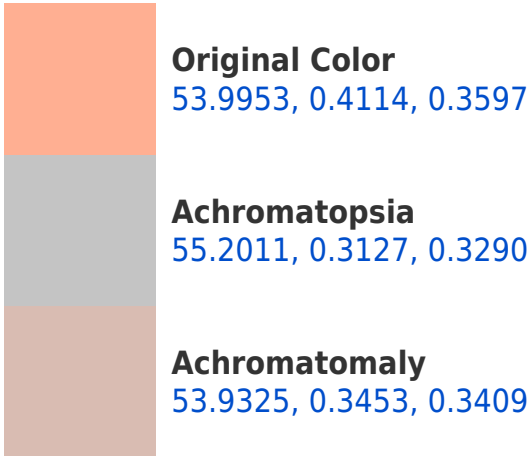
Tritanopia

53.8047, 0.3786, 0.3166

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9953, 0.4114, 0.3597 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, 175, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 146)  
}
```

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, 175, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 146) }
```

Border

The CSS property to change the border of an element to Yxy 53.9953, 0.4114, 0.3597 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, 175, 146) }
```

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

```
.border{ border-color:rgb(255, 175, 146) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9953, 0.4114, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 146) }
```

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

```
.background{ background-color: rgb(255,  
175, 146) }
```

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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