

Converting Colors

$Y_{xy}(65.7402, 0.4533, 0.3497)$

Have a look what the booklet for
Yxy(65.7402, 0.4533, 0.3497)
contains.

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Color

Yxy(53.7341, 0.4082, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE96
RGB	255, 174, 150
RGB Percent	100%, 68%, 59%
CMY	0.0001, 0.3176, 0.4117
CMYK	0.00, 0.32, 0.41, 0.00
HSL	14°, 100%, 79%
HSV	14°, 41%, 100%
XYZ	61.8738, 53.7341, 35.9693
YIQ	195.4830, 55.9800, 9.7080

Conversions

Conversions Part 2

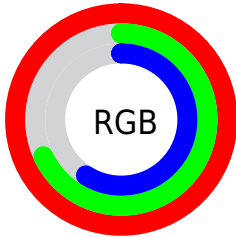
Format	Color
RYB	255, 181, 150
Decimal	16756374
CIELab	78.31, 26.84, 24.34
CIELCh	78, 36.236, 42.199
Yxy	53.7341, 0.4082, 0.3545
Android (android.graphics.Color)	4294946454 (0xFFFFAE96)
YUV	195.4830, -22.4231, 52.1964
Hunter-Lab	73.3035, 22.3864, 22.2195

Details

The Yxy color **53.7341, 0.4082, 0.3545** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.8342, 0.2517, 0.3012**, and the grayscale version is **54.9897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2133, 0.3476, 0.3553**, and **26.3114, 0.4342, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **45.9514, 0.4429, 0.3601**, and if you desaturate by 10%, it is **62.8132, 0.3783, 0.3482**.

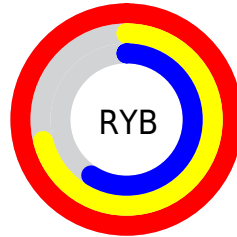
Distribution



Red (100%)

Green (68%)

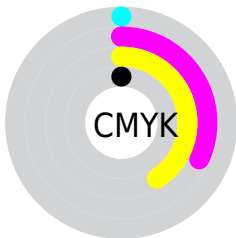
Blue (59%)



Red (100%)

Yellow (71%)

Blue (59%)

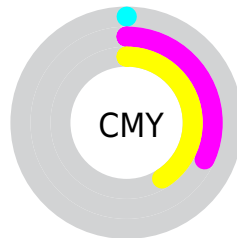


Cyan (0%)

Magenta (32%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7341, 0.4082, 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 53.7341, 0.4082, 0.3545 by changing the saturation by 10% instead.


 53.7341, 0.4082,
0.3545

 53.7341, 0.4082,
0.3545


401.0952, 0.3612,
0.3439

 38.3891, 0.4196,
0.3565


 95.6837, 0.3914,
0.3512

 26.2848, 0.4339,
0.3586


 123.0571, 0.3850,
0.3498

 17.0368, 0.4525,
0.3608


155.2088, 0.3795,
0.3485

 10.2608, 0.4774,
0.3626

192.5232, 0.3748,
0.3474

 5.5722, 0.5119,
0.3630

235.3846, 0.3707,
0.3464

 2.5867, 0.5674,
0.3619

284.1775, 0.3672,

 0.9200, 0.6533,

0.3455

0.3467

339.2863, 0.3640,
0.3447

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7341, 0.4082,
0.3545

53.7341, 0.4082,
0.3545

45.9514, 0.4429,
0.3601

62.8132, 0.3783,
0.3482

39.3973, 0.4817,
0.3642

73.2365, 0.3530,
0.3417

34.0097, 0.5224,
0.3657

85.0594, 0.3320,
0.3355

29.7175, 0.5615,
0.3636

98.3313, 0.3145,
0.3297

■ 26.4415, 0.5942,
0.3575

99.9944, 0.3127,
0.3290

■ 24.3131, 0.6151,
0.3498

Harmonies

Analogous

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



53.7341, 0.3860, 0.3161



53.7341, 0.4082, 0.3545



53.7341, 0.4020, 0.3902

Triad

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



53.7341, 0.4082, 0.3545



53.7341, 0.2791, 0.3832



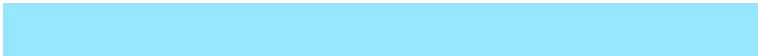
53.7341, 0.2531, 0.2518

Complementary

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



53.7341, 0.4082, 0.3545



70.8342, 0.2517, 0.3012

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.



53.7341, 0.2294, 0.2622



53.7341, 0.4082, 0.3545



53.7341, 0.2432, 0.3364

Square

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



53.7341, 0.4082, 0.3545



53.7341, 0.3259, 0.4126



53.7341, 0.2258, 0.2916



53.7341, 0.2937, 0.2595

Rectangle

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



53.7341, 0.4082, 0.3545



53.7341, 0.3836, 0.4078



53.7341, 0.2258, 0.2916



53.7341, 0.2431, 0.2531

Sweetspot

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



53.7367, 0.4082, 0.3545



84.0392, 0.3336, 0.3360



48.9103, 0.3369, 0.2469



17.6432, 0.3362, 0.3368



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.



53.7367, 0.4082, 0.3545



47.5425, 0.4350, 0.3590



77.4330, 0.3858, 0.4052



18.6610, 0.3289, 0.3345



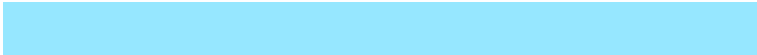
12.8913, 0.6125, 0.3519



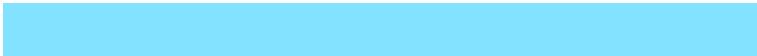
1.4116, 0.5912, 0.3688

Inverse Universe

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



70.8342, 0.2517, 0.3012



66.5908, 0.2417, 0.2950



46.2451, 0.2415, 0.2382



19.7353, 0.2980, 0.3234



24.7971, 0.2037, 0.2533



2.5780, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 53.7341, 0.4082, 0.3545 looks on a white background.

Color Contrast Check

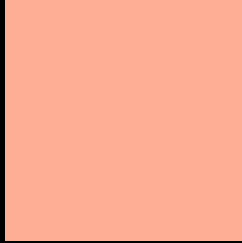
Large Text (above 18pt) WCAG AA × Fail

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 53.7341, 0.4082, 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 53.7341, 0.4082, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 53.7341, 0.4082, 0.3545.



This preview shows how white text looks on a background with the Yxy color 53.7341, 0.4082, 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

53.7341, 0.4082, 0.3545

Protanopia

54.0659, 0.3490, 0.3720

Deuteranopia

53.7499, 0.3809, 0.3729



Tritanopia

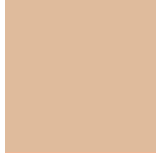
53.8047, 0.3786, 0.3166

Trichromacy



Original Color

53.7341, 0.4082, 0.3545



Protanomaly

53.6289, 0.3693, 0.3654



Deuteranomaly

53.8030, 0.3905, 0.3660



Tritanomaly

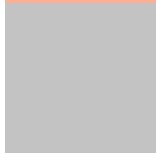
53.7053, 0.3896, 0.3303

Monochromacy



Original Color

53.7341, 0.4082, 0.3545



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.5470, 0.3447, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7341, 0.4082, 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, 174, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 150)  
}
```

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, 174, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 150) }
```

Border

The CSS property to change the border of an element to Yxy 53.7341, 0.4082, 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, 174, 150) }
```

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

```
.border{ border-color:rgb(255, 174, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7341, 0.4082, 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, 174, 150) }
```

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

```
.background{ background-color: rgb(255,  
174, 150) }
```

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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