

Converting Colors

$Y_{xy}(47.8130, 0.4137, 0.3560)$

Have a look what the booklet for
Yxy(47.8130, 0.4137, 0.3560)
contains.

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Color

Yxy(47.8568, 0.4134, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	F5A48C
RGB	245, 164, 140
RGB Percent	96%, 64%, 55%
CMY	0.0394, 0.3567, 0.4510
CMYK	0.00, 0.33, 0.43, 0.04
HSL	14°, 84%, 75%
HSV	14°, 43%, 96%
XYZ	55.6512, 47.8568, 31.1103
YIQ	185.4830, 55.9800, 9.7080

Conversions

Conversions Part 2

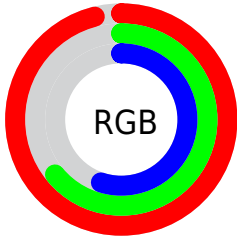
Format	Color
R _Y B	245, 171, 140
Decimal	16098444
CIE Lab	74.73, 27.20, 24.71
CIE LCh	75, 36.747, 42.258
Yxy	47.8568, 0.4134, 0.3555
Android (android.graphics.Color)	4294288524 (0xFFF5A48C)
YUV	185.4830, -22.4231, 52.1964
Hunter-Lab	69.1786, 22.5330, 21.7617

Details

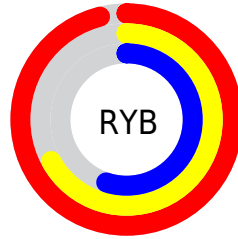
The Yxy color **47.8568, 0.4134, 0.3555** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8262, 0.2496, 0.2999**, and the grayscale version is **48.9037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8181, 0.3570, 0.3547**, and **22.7656, 0.4409, 0.3599** is the 20% darker color. If you saturate the color by 10%, you get **40.9490, 0.4487, 0.3609**, and if you desaturate by 10%, it is **55.9337, 0.3828, 0.3493**.

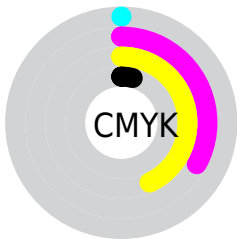
Distribution



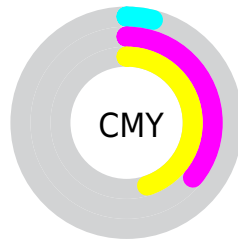
- Red (96%)
- Green (64%)
- Blue (55%)



- Red (96%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8568, 0.4134, 0.3555 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 47.8568, 0.4134, 0.3555 by changing the saturation by 10% instead.


 47.8568, 0.4134,
0.3555


 47.8568, 0.4134,
0.3555


378.2242, 0.3629,
0.3444


 33.7135, 0.4259,
0.3575


 86.9912, 0.3951,
0.3520

 22.6736, 0.4418,
0.3597


 112.7510, 0.3882,
0.3505

 14.3527, 0.4625,
0.3618


 143.1518, 0.3824,
0.3492

 8.3664, 0.4907,
0.3632

178.5780, 0.3773,
0.3481

 4.3303, 0.5304,
0.3622

219.4139, 0.3730,
0.3470

 1.8600, 0.6186,
0.3717

266.0440, 0.3692,

 0.5241, 0.6968,

0.3461

0.3032

318.8527, 0.3659,
0.3452

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8568, 0.4134,
0.3555

47.8568, 0.4134,
0.3555

40.9490, 0.4487,
0.3609

55.9337, 0.3828,
0.3493

35.1484, 0.4879,
0.3647

65.2238, 0.3569,
0.3428

30.3979, 0.5286,
0.3657

75.7775, 0.3352,
0.3365

26.6321, 0.5669,
0.3630

87.6401, 0.3173,
0.3306

■ 23.7777, 0.5981,
0.3564

■ 98.1432, 0.3065,
0.3290

■ 22.2425, 0.6147,
0.3501

Harmonies

Analogous

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



47.8568, 0.3901, 0.3154



47.8568, 0.4134, 0.3555



47.8568, 0.4067, 0.3931

Triad

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



47.8568, 0.4134, 0.3555



47.8568, 0.2771, 0.3863



47.8568, 0.2501, 0.2480

Complementary

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



47.8568, 0.4134, 0.3555



63.8262, 0.2496, 0.2999

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.



47.8568, 0.2253, 0.2586



47.8568, 0.4134, 0.3555



47.8568, 0.2396, 0.3365

Square

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



47.8568, 0.4134, 0.3555



47.8568, 0.3262, 0.4175



47.8568, 0.2215, 0.2893



47.8568, 0.2926, 0.2562

Rectangle

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



47.8568, 0.4134, 0.3555



47.8568, 0.3871, 0.4119



47.8568, 0.2215, 0.2893



47.8568, 0.2396, 0.2493

Sweetspot

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



47.8591, 0.4134, 0.3555



82.8106, 0.3356, 0.3366



43.4412, 0.3381, 0.2439



17.1525, 0.3400, 0.3380



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.



47.8591, 0.4134, 0.3555



46.0963, 0.4423, 0.3601



70.0042, 0.3890, 0.4081



17.0983, 0.3288, 0.3345



12.1599, 0.6121, 0.3522



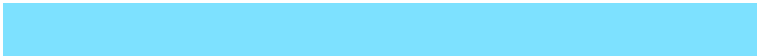
1.2183, 0.5885, 0.3710

Inverse Universe

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



63.8262, 0.2496, 0.2999



65.5391, 0.2393, 0.2933



40.8113, 0.2385, 0.2339



18.0763, 0.2980, 0.3234



23.3489, 0.2037, 0.2533



2.2053, 0.2066, 0.2639

Previews

White Background



This preview shows how the Yxy color 47.8568, 0.4134, 0.3555 looks on a white background.

Color Contrast Check

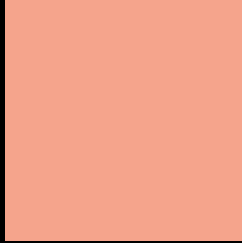
Large Text (above 18pt) WCAG AA × Fail

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 47.8568, 0.4134, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

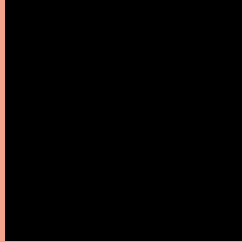
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8568, 0.4134, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 47.8568, 0.4134, 0.3555.



This preview shows how white text looks on a background with the Yxy color 47.8568, 0.4134, 0.3555.

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

47.8568, 0.4134, 0.3555

Protanopia

48.0530, 0.3509, 0.3741

Deuteranopia

48.0310, 0.3831, 0.3761



Tritanopia

48.0766, 0.3863, 0.3163

Trichromacy



Original Color

47.8568, 0.4134, 0.3555

Protanomaly

47.6657, 0.3723, 0.3670

Deuteranomaly

47.7000, 0.3938, 0.3677

Tritanomaly

47.8020, 0.3970, 0.3303

Monochromacy



Original Color

47.8568, 0.4134, 0.3555

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.5743, 0.3464, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8568, 0.4134, 0.3555 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(245, 164, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 140)  
}
```

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(245, 164, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 140) }
```

Border

The CSS property to change the border of an element to Yxy 47.8568, 0.4134, 0.3555 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(245, 164, 140) }
```

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

```
.border{ border-color:rgb(245, 164, 140) }
```

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

Here you see how a box with a 4 pixel rgb(245, 164, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8568, 0.4134, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 140) }
```

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

```
.background{ background-color: rgb(245,  
164, 140) }
```

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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