

Converting Colors

Yxy(54.8780, 0.3909, 0.3465)

Have a look what the booklet for
Yxy(54.8780, 0.3909, 0.3465)
contains.

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Color

Yxy(54.7734, 0.3912, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	FAB2A2
RGB	250, 178, 162
RGB Percent	98%, 70%, 64%
CMY	0.0197, 0.3019, 0.3647
CMYK	0.00, 0.29, 0.35, 0.02
HSL	11°, 90%, 81%
HSV	11°, 35%, 98%
XYZ	61.8573, 54.7734, 41.4912
YIQ	197.7040, 48.0480, 10.2880

Conversions

Conversions Part 2

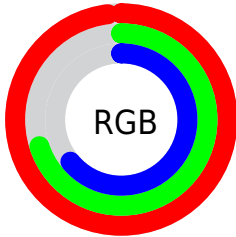
Format	Color
R _Y B	250, 182, 162
Decimal	16429730
CIE Lab	78.91, 24.20, 18.64
CIE LCh	79, 30.548, 37.605
Yxy	54.7734, 0.3912, 0.3464
Android (android.graphics.Color)	4294619810 (0xFFFA2A2)
YUV	197.7040, -17.6021, 45.8636
Hunter-Lab	74.0091, 19.6756, 18.5670

Details

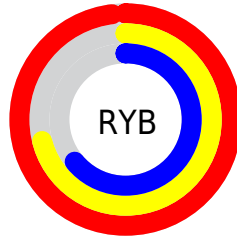
The Yxy color **54.7734, 0.3912, 0.3464** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.3925, 0.2605, 0.3106**, and the grayscale version is **56.3706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1154, 0.3382, 0.3460**, and **26.9995, 0.4132, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **46.4346, 0.4243, 0.3513**, and if you desaturate by 10%, it is **64.5064, 0.3633, 0.3413**.

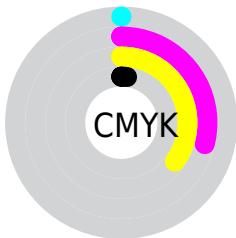
Distribution



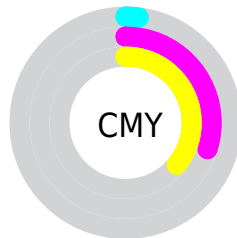
- Red (98%)
- Green (70%)
- Blue (64%)



- Red (98%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (2%)



- Cyan (2%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7734, 0.3912, 0.3464 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 54.7734, 0.3912, 0.3464 by changing the saturation by 10% instead.


 54.7734, 0.3912,
0.3464


 54.7734, 0.3912,
0.3464


405.0524, 0.3526,
0.3392

 39.2203, 0.4006,
0.3478

 97.2089, 0.3774,
0.3441

 26.9312, 0.4124,
0.3493


 124.8601, 0.3721,
0.3431

 17.5215, 0.4278,
0.3509


157.3127, 0.3677,
0.3423

 10.6070, 0.4487,
0.3525

194.9513, 0.3638,
0.3415

 5.8033, 0.4782,
0.3534

238.1602, 0.3605,
0.3408

 2.7258, 0.5226,
0.3515

287.3237, 0.3575,

 0.9903, 0.6362,

0.3402

0.3638

342.8263, 0.3549,
0.3397

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7734, 0.3912,
0.3464

54.7734, 0.3912,
0.3464

46.4346, 0.4243,
0.3513

64.5064, 0.3633,
0.3413

39.4181, 0.4624,
0.3553

75.6856, 0.3402,
0.3362

33.6576, 0.5042,
0.3576

88.3697, 0.3212,
0.3314

29.0776, 0.5466,
0.3573

99.0581, 0.3096,
0.3290

■ 25.5942, 0.5847,
0.3536

■ 23.1119, 0.6133,
0.3469

■ 22.2364, 0.6233,
0.3433

Harmonies

Analogous

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



54.7734, 0.3694, 0.3137



54.7734, 0.3912, 0.3464



54.7734, 0.3901, 0.3773

Triad

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



54.7734, 0.3912, 0.3464



54.7734, 0.2905, 0.3789



54.7734, 0.2582, 0.2638

Complementary

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



54.7734, 0.3912, 0.3464



73.3925, 0.2605, 0.3106

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.



54.7734, 0.2403, 0.2757



54.7734, 0.3912, 0.3464



54.7734, 0.2579, 0.3417

Square

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



54.7734, 0.3912, 0.3464



54.7734, 0.3305, 0.4000



54.7734, 0.2401, 0.3034



54.7734, 0.2910, 0.2679

Rectangle

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



54.7734, 0.3912, 0.3464



54.7734, 0.3769, 0.3928



54.7734, 0.2401, 0.3034



54.7734, 0.2504, 0.2659

Sweetspot

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



54.7760, 0.3912, 0.3464



84.5505, 0.3318, 0.3341



52.1725, 0.3288, 0.2546



17.7187, 0.3345, 0.3348



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.



54.7760, 0.3912, 0.3464



51.1837, 0.4133, 0.3498



74.4513, 0.3755, 0.3900



17.7365, 0.3290, 0.3334



11.9463, 0.6210, 0.3451



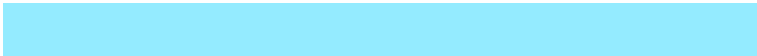
1.2413, 0.6000, 0.3618

Inverse Universe

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



73.3925, 0.2605, 0.3106



73.2029, 0.2516, 0.3065



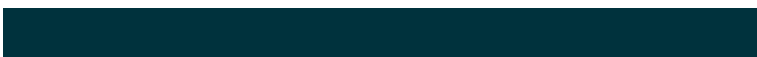
51.9817, 0.2535, 0.2591



19.0391, 0.2980, 0.3246



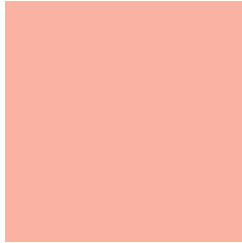
26.8785, 0.2082, 0.2696



2.6246, 0.2104, 0.2774

Previews

White Background



This preview shows how the Yxy color 54.7734, 0.3912, 0.3464 looks on a white background.

Color Contrast Check

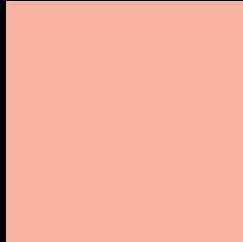
Large Text (above 18pt) WCAG AA × Fail

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 54.7734, 0.3912, 0.3464 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 54.7734, 0.3912, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 54.7734, 0.3912, 0.3464.



This preview shows how white text looks on a background with the Yxy color 54.7734, 0.3912, 0.3464.

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

54.7734, 0.3912, 0.3464

Protanopia

54.9116, 0.3401, 0.3595

Deuteranopia

54.8354, 0.3691, 0.3614



Tritanopia

54.5984, 0.3706, 0.3144

Trichromacy



Original Color

54.7734, 0.3912, 0.3464

Protanomaly

54.5574, 0.3577, 0.3549

Deuteranomaly

54.5164, 0.3767, 0.3551

Tritanomaly

54.4238, 0.3776, 0.3249

Monochromacy



Original Color

54.7734, 0.3912, 0.3464

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5161, 0.3390, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7734, 0.3912, 0.3464 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(250, 178, 162)` looks like.

```
.text, #text, p{  
    color:rgb(250, 178, 162)  
}
```

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(250, 178, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 178, 162) }
```

Border

The CSS property to change the border of an element to Yxy 54.7734, 0.3912, 0.3464 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(250, 178, 162) }
```

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

```
.border{ border-color:rgb(250, 178, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 178, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 178, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 178, 162);  
box-shadow:4px 4px 4px 4px rgb(250, 178,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7734, 0.3912, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 178, 162) }
```

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

```
.background{ background-color: rgb(250,  
178, 162) }
```

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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