

Converting Colors

Yxy(52.2539, 0.4136, 0.3550)

Have a look what the booklet for
Yxy(52.2539, 0.4136, 0.3550)
contains.

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Color

Yxy(52.0848, 0.4138, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	FFAA92
RGB	255, 170, 146
RGB Percent	100%, 67%, 57%
CMY	0.0001, 0.3333, 0.4275
CMYK	0.00, 0.33, 0.43, 0.00
HSL	13°, 100%, 79%
HSV	13°, 43%, 100%
XYZ	60.7974, 52.0848, 34.0424
YIQ	192.6790, 58.3640, 10.5560

Conversions

Conversions Part 2

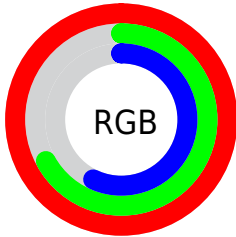
Format	Color
R _Y B	255, 177, 146
Decimal	16755346
CIE Lab	77.33, 28.52, 25.17
CIE LCh	77, 38.040, 41.435
Yxy	52.0848, 0.4138, 0.3545
Android (android.graphics.Color)	4294945426 (0xFFFFAA92)
YUV	192.6790, -23.0127, 54.6555
Hunter-Lab	72.1698, 24.0752, 22.5518

Details

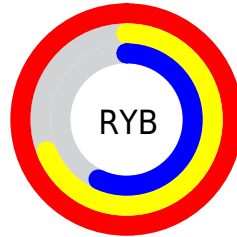
The Yxy color **52.0848, 0.4138, 0.3545** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.4603, 0.2498, 0.3011**, and the grayscale version is **53.2436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8228, 0.3512, 0.3554**, and **25.2846, 0.4422, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **44.4814, 0.4495, 0.3597**, and if you desaturate by 10%, it is **60.9972, 0.3829, 0.3485**.

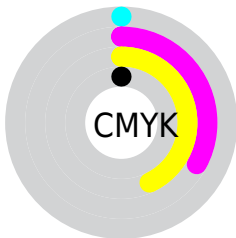
Distribution



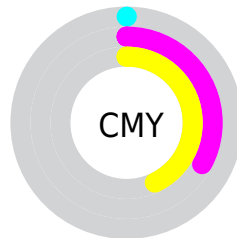
- Red (100%)
- Green (67%)
- Blue (57%)



- Red (100%)
- Yellow (69%)
- Blue (57%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0848, 0.4138, 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 52.0848, 0.4138, 0.3545 by changing the saturation by 10% instead.


 52.0848, 0.4138,
0.3545

 52.0848, 0.4138,
0.3545


394.7639, 0.3638,
0.3441

 37.0727, 0.4259,
0.3563


 93.2563, 0.3958,
0.3513

 25.2638, 0.4413,
0.3583


 120.1844, 0.3890,
0.3499

 16.2737, 0.4612,
0.3602


151.8534, 0.3832,
0.3487

 9.7180, 0.4879,
0.3614

188.6475, 0.3783,
0.3476

 5.2124, 0.5249,
0.3606

230.9513, 0.3739,
0.3466

 2.3724, 0.5896,
0.3604

279.1490, 0.3701,

 0.8116, 0.6683,

0.3457

0.3317

333.6250, 0.3668,
0.3449

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0848, 0.4138,
0.3545

52.0848, 0.4138,
0.3545

44.4814, 0.4495,
0.3597

60.9972, 0.3829,
0.3485

38.1169, 0.4891,
0.3633

71.2690, 0.3568,
0.3423

32.9265, 0.5303,
0.3642

82.9573, 0.3351,
0.3362

28.8355, 0.5689,
0.3614

96.1134, 0.3171,
0.3305

■ 25.7603, 0.6002,
0.3548

99.9961, 0.3127,
0.3290

■ 24.1033, 0.6167,
0.3485

Harmonies

Analogous

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



52.0848, 0.3896, 0.3142



52.0848, 0.4138, 0.3545



52.0848, 0.4078, 0.3925

Triad

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



52.0848, 0.4138, 0.3545



52.0848, 0.2781, 0.3879



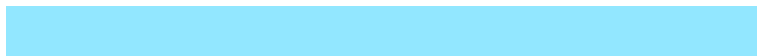
52.0848, 0.2488, 0.2476

Complementary

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



52.0848, 0.4138, 0.3545



70.4603, 0.2498, 0.3011

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.



52.0848, 0.2244, 0.2588



52.0848, 0.4138, 0.3545



52.0848, 0.2399, 0.3379

Square

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



52.0848, 0.4138, 0.3545



52.0848, 0.3277, 0.4185



52.0848, 0.2212, 0.2902



52.0848, 0.2911, 0.2553

Rectangle

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



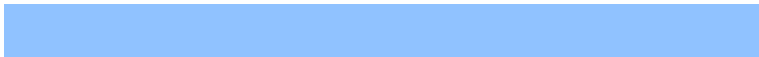
52.0848, 0.4138, 0.3545



52.0848, 0.3886, 0.4117



52.0848, 0.2212, 0.2902



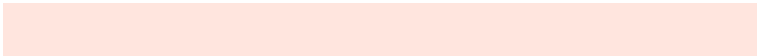
52.0848, 0.2384, 0.2491

Sweetspot

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



52.0874, 0.4138, 0.3545



82.6507, 0.3356, 0.3364



47.6041, 0.3381, 0.2439



17.1135, 0.3401, 0.3377



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.



52.0874, 0.4138, 0.3545



45.7224, 0.4430, 0.3589



76.6976, 0.3890, 0.4081



18.6360, 0.3289, 0.3343



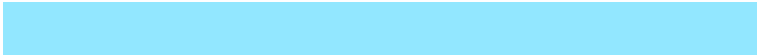
12.7753, 0.6142, 0.3506



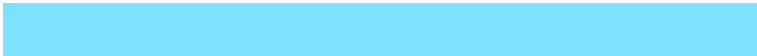
1.3970, 0.5931, 0.3673

Inverse Universe

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



70.4603, 0.2498, 0.3011



66.1535, 0.2396, 0.2947



44.7255, 0.2386, 0.2340



19.7622, 0.2980, 0.3236



25.2996, 0.2045, 0.2562



2.6230, 0.2071, 0.2655

Previews

White Background



This preview shows how the Yxy color 52.0848, 0.4138, 0.3545 looks on a white background.

Color Contrast Check

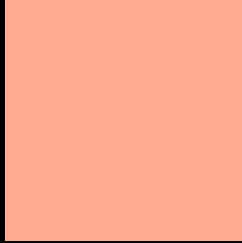
Large Text (above 18pt) WCAG AA × Fail

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 52.0848, 0.4138, 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 52.0848, 0.4138, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 52.0848, 0.4138, 0.3545.



This preview shows how white text looks on a background with the Yxy color 52.0848, 0.4138, 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

52.0848, 0.4138, 0.3545

Protanopia

52.3584, 0.3504, 0.3724

Deuteranopia

52.4329, 0.3841, 0.3767



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.0848, 0.4138, 0.3545



Protanomaly

51.6636, 0.3732, 0.3657



Deuteranomaly

52.2583, 0.3953, 0.3684



Tritanomaly

52.0553, 0.3948, 0.3303

Monochromacy



Original Color

52.0848, 0.4138, 0.3545



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.4314, 0.3467, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0848, 0.4138, 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, 170, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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, 170, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 146) }
```

Border

The CSS property to change the border of an element to Yxy 52.0848, 0.4138, 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, 170, 146) }
```

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

```
.border{ border-color:rgb(255, 170, 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, 170, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0848, 0.4138, 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, 170, 146) }
```

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

```
.background{ background-color: rgb(255,  
170, 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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