

Converting Colors

$Y_{xy}(52.7846, 0.4060, 0.3537)$

Have a look what the booklet for
Yxy(52.7846, 0.4060, 0.3537)
contains.

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Color

Yxy(52.7846, 0.4060, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	FCAD96
RGB	252, 173, 150
RGB Percent	99%, 68%, 59%
CMY	0.0118, 0.3215, 0.4116
CMYK	0.00, 0.31, 0.40, 0.01
HSL	14°, 94%, 79%
HSV	14°, 40%, 99%
XYZ	60.5896, 52.7846, 35.8613
YIQ	193.9990, 54.4670, 9.5950

Conversions

Conversions Part 2

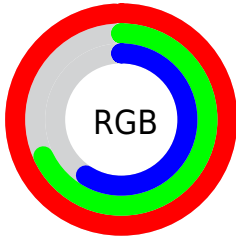
Format	Color
R _Y B	252, 180, 150
Decimal	16559510
CIE Lab	77.75, 26.23, 23.52
CIE LCh	78, 35.230, 41.872
Yxy	52.7846, 0.4060, 0.3537
Android (android.graphics.Color)	4294749590 (0xFFFCAD96)
YUV	193.9990, -21.6915, 50.8669
Hunter-Lab	72.6530, 21.7189, 21.5918

Details

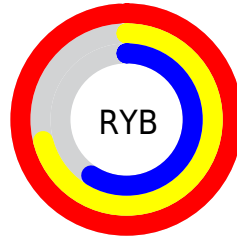
The Yxy color **52.7846, 0.4060, 0.3537** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.5492, 0.2527, 0.3022**, and the grayscale version is **54.0572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6583, 0.3478, 0.3543**, and **25.6713, 0.4315, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **45.1135, 0.4405, 0.3593**, and if you desaturate by 10%, it is **61.7287, 0.3764, 0.3475**.

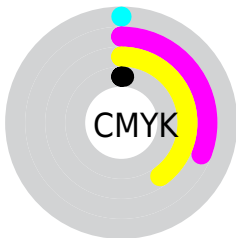
Distribution



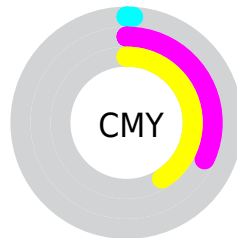
- Red (99%)
- Green (68%)
- Blue (59%)



- Red (99%)
- Yellow (71%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (1%)




- Cyan (1%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7846, 0.4060, 0.3537 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 52.7846, 0.4060, 0.3537 by changing the saturation by 10% instead.


 52.7846, 0.4060,
0.3537

 52.7846, 0.4060,
0.3537


397.4582, 0.3599,
0.3434

 37.6308, 0.4172,
0.3556


 94.2873, 0.3895,
0.3504

 25.6963, 0.4313,
0.3577


 121.4051, 0.3832,
0.3491

 16.5966, 0.4497,
0.3599


153.2797, 0.3778,
0.3479

 9.9473, 0.4745,
0.3618

190.2954, 0.3733,
0.3468

 5.3640, 0.5090,
0.3623

232.8367, 0.3693,
0.3458

 2.4624, 0.5655,
0.3618

281.2880, 0.3658,

 0.8577, 0.6534,

0.3449

336.0337, 0.3627,
0.3441

0.3466

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7846, 0.4060,
0.3537

52.7846, 0.4060,
0.3537

45.1135, 0.4405,
0.3593

61.7287, 0.3764,
0.3475

38.6493, 0.4791,
0.3635

71.9928, 0.3514,
0.3411

33.3313, 0.5199,
0.3652

83.6307, 0.3307,
0.3350

29.0900, 0.5594,
0.3633

96.6911, 0.3134,
0.3293

■ 25.8482, 0.5927,
0.3575

99.4315, 0.3108,
0.3290

■ 23.5989, 0.6157,
0.3493

Harmonies

Analogous

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



52.7846, 0.3840, 0.3161



52.7846, 0.4060, 0.3537



52.7846, 0.4003, 0.3887

Triad

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



52.7846, 0.4060, 0.3537



52.7846, 0.2804, 0.3824



52.7846, 0.2540, 0.2533

Complementary

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



52.7846, 0.4060, 0.3537



69.5492, 0.2527, 0.3022

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.



52.7846, 0.2309, 0.2638



52.7846, 0.4060, 0.3537



52.7846, 0.2450, 0.3368

Square

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



52.7846, 0.4060, 0.3537



52.7846, 0.3262, 0.4108



52.7846, 0.2276, 0.2929



52.7846, 0.2936, 0.2607

Rectangle

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



52.7846, 0.4060, 0.3537



52.7846, 0.3826, 0.4059



52.7846, 0.2276, 0.2929



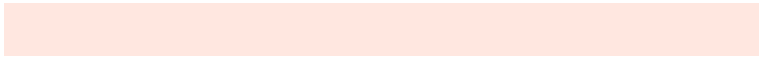
52.7846, 0.2442, 0.2548

Sweetspot

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



52.7872, 0.4060, 0.3537



83.9828, 0.3336, 0.3359



48.2207, 0.3364, 0.2483



17.6300, 0.3362, 0.3367



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.



52.7872, 0.4060, 0.3537



47.4019, 0.4353, 0.3586



75.7196, 0.3844, 0.4039



17.8598, 0.3288, 0.3344



12.4752, 0.6130, 0.3515



1.3071, 0.5907, 0.3692

Inverse Universe

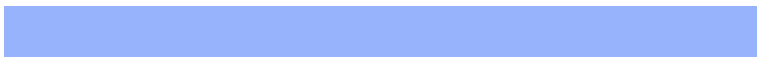
The Inverse Universe completely reimagines the original color for something new.



69.5492, 0.2527, 0.3022



66.8149, 0.2418, 0.2955



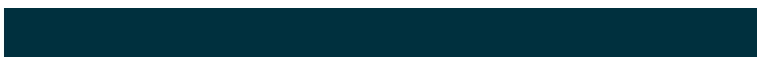
45.7202, 0.2429, 0.2401



18.9058, 0.2980, 0.3235



24.2674, 0.2040, 0.2545



2.4044, 0.2068, 0.2644

Previews

White Background



This preview shows how the Yxy color 52.7846, 0.4060, 0.3537 looks on a white background.

Color Contrast Check

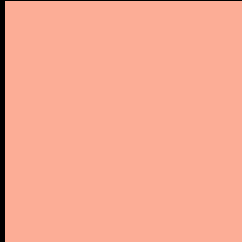
Large Text (above 18pt) WCAG AA × Fail

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 52.7846, 0.4060, 0.3537 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 52.7846, 0.4060, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 52.7846, 0.4060, 0.3537.



This preview shows how white text looks on a background with the Yxy color 52.7846, 0.4060, 0.3537.

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

52.7846, 0.4060, 0.3537

Protanopia

53.0398, 0.3486, 0.3697

Deuteranopia

53.0048, 0.3795, 0.3721



Tritanopia

52.9721, 0.3811, 0.3166

Trichromacy



Original Color

52.7846, 0.4060, 0.3537

Protanomaly

52.4704, 0.3682, 0.3633

Deuteranomaly

52.8798, 0.3883, 0.3653

Tritanomaly

52.7226, 0.3903, 0.3292

Monochromacy



Original Color

52.7846, 0.4060, 0.3537

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.7792, 0.3440, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7846, 0.4060, 0.3537 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(252, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(252, 173, 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(252, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 173, 150) }
```

Border

The CSS property to change the border of an element to Yxy 52.7846, 0.4060, 0.3537 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(252, 173, 150) }
```

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

```
.border{ border-color:rgb(252, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(252, 173,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7846, 0.4060, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 173, 150) }
```

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

```
.background{ background-color: rgb(252,  
173, 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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