

Converting Colors

$Y_{xy}(47.4528, 0.4204, 0.3548)$

Have a look what the booklet for
Yxy(47.4528, 0.4204, 0.3548)
contains.

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Color

Yxy(47.2812, 0.4197, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	F8A18A
RGB	248, 161, 138
RGB Percent	97%, 63%, 54%
CMY	0.0275, 0.3686, 0.4590
CMYK	0.00, 0.35, 0.44, 0.03
HSL	13°, 89%, 76%
HSV	13°, 44%, 97%
XYZ	56.0404, 47.2812, 30.2034
YIQ	184.3910, 59.2350, 11.2910

Conversions

Conversions Part 2

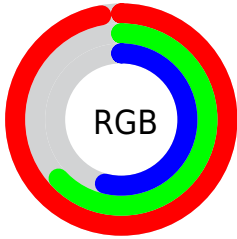
Format	Color
R _Y B	248, 167, 138
Decimal	16294282
CIE Lab	74.37, 29.74, 25.37
CIE LCh	74, 39.097, 40.466
Yxy	47.2812, 0.4197, 0.3541
Android (android.graphics.Color)	4294484362 (0xFFF8A18A)
YUV	184.3910, -22.8708, 55.7851
Hunter-Lab	68.7613, 25.1451, 22.0898

Details

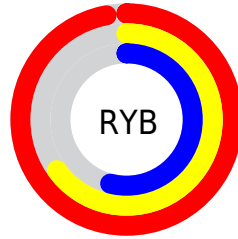
The Yxy color **47.2812, 0.4197, 0.3541** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9996, 0.2481, 0.3014**, and the grayscale version is **48.2649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1775, 0.3591, 0.3537**, and **22.4607, 0.4496, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **40.3216, 0.4564, 0.3589**, and if you desaturate by 10%, it is **55.4837, 0.3878, 0.3485**.

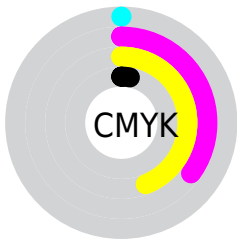
Distribution



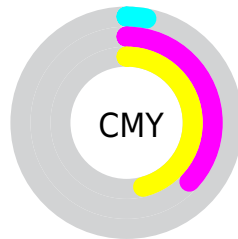
- Red (97%)
- Green (63%)
- Blue (54%)



- Red (97%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (3%)




- Cyan (3%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2812, 0.4197, 0.3541 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 47.2812, 0.4197, 0.3541 by changing the saturation by 10% instead.


 47.2812, 0.4197,
0.3541

 47.2812, 0.4197,
0.3541


375.9359, 0.3659,
0.3440

 33.2580, 0.4330,
0.3558


 86.1332, 0.4002,
0.3510

 22.3242, 0.4499,
0.3575


 111.7308, 0.3929,
0.3497

 14.0953, 0.4720,
0.3589


 141.9554, 0.3866,
0.3485

 8.1870, 0.5020,
0.3593

177.1912, 0.3813,
0.3474

 4.2148, 0.5439,
0.3565

217.8228, 0.3767,
0.3464

 1.7944, 0.6373,
0.3627

264.2345, 0.3726,

 0.4837, 0.7185,

0.3455

0.2815

316.8107, 0.3691,
0.3447

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2812, 0.4197,
0.3541

47.2812, 0.4197,
0.3541

40.3216, 0.4564,
0.3589

55.4837, 0.3878,
0.3485

34.5368, 0.4969,
0.3619

64.9791, 0.3608,
0.3426

29.8624, 0.5383,
0.3621

75.8230, 0.3384,
0.3368

26.2249, 0.5764,
0.3588

88.0657, 0.3198,
0.3313

■ 23.5409, 0.6061,
0.3517

■ 98.6956, 0.3084,
0.3290

■ 22.4068, 0.6186,
0.3471

Harmonies

Analogous

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



47.2812, 0.3931, 0.3118



47.2812, 0.4197, 0.3541



47.2812, 0.4141, 0.3946

Triad

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



47.2812, 0.4197, 0.3541



47.2812, 0.2775, 0.3933



47.2812, 0.2439, 0.2431

Complementary

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



47.2812, 0.4197, 0.3541



65.9996, 0.2481, 0.3014

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.



47.2812, 0.2191, 0.2553



47.2812, 0.4197, 0.3541



47.2812, 0.2367, 0.3401

Square

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



47.2812, 0.4197, 0.3541



47.2812, 0.3300, 0.4249



47.2812, 0.2164, 0.2889



47.2812, 0.2880, 0.2508

Rectangle

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



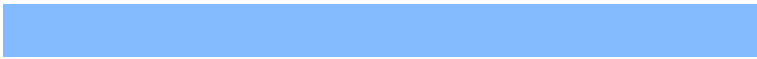
47.2812, 0.4197, 0.3541



47.2812, 0.3941, 0.4157



47.2812, 0.2164, 0.2889



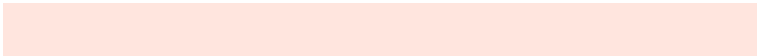
47.2812, 0.2333, 0.2449

Sweetspot

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



47.2835, 0.4197, 0.3541



82.4504, 0.3357, 0.3360



43.6128, 0.3376, 0.2393



17.0646, 0.3401, 0.3372



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.



47.2835, 0.4197, 0.3541



43.8422, 0.4515, 0.3583



70.3834, 0.3929, 0.4091



17.8142, 0.3289, 0.3340



12.2663, 0.6161, 0.3490



1.2817, 0.5942, 0.3664

Inverse Universe

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



65.9996, 0.2481, 0.3014



65.9716, 0.2377, 0.2949



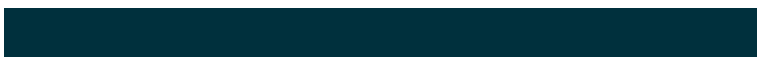
41.2932, 0.2360, 0.2322



18.9550, 0.2980, 0.3239



25.2112, 0.2056, 0.2601



2.4843, 0.2081, 0.2693

Previews

White Background



This preview shows how the Yxy color 47.2812, 0.4197, 0.3541 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 47.2812, 0.4197, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

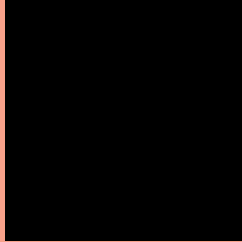
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2812, 0.4197, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 47.2812, 0.4197, 0.3541.



This preview shows how white text looks on a background with the Yxy color 47.2812, 0.4197, 0.3541.

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

47.2812, 0.4197, 0.3541

Protanopia

47.4744, 0.3511, 0.3743

Deuteranopia

47.5517, 0.3862, 0.3786



Tritanopia

47.4503, 0.3941, 0.3175

Trichromacy



Original Color

47.2812, 0.4197, 0.3541

Protanomaly

46.9697, 0.3758, 0.3670

Deuteranomaly

47.3974, 0.3980, 0.3699

Tritanomaly

47.2120, 0.4040, 0.3303

Monochromacy



Original Color

47.2812, 0.4197, 0.3541

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1061, 0.3484, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2812, 0.4197, 0.3541 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(248, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(248, 161, 138)  
}
```

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(248, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 161, 138) }
```

Border

The CSS property to change the border of an element to Yxy 47.2812, 0.4197, 0.3541 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(248, 161, 138) }
```

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

```
.border{ border-color:rgb(248, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 161, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 161, 138);  
box-shadow:4px 4px 4px 4px rgb(248, 161,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2812, 0.4197, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 161, 138) }
```

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

```
.background{ background-color: rgb(248,  
161, 138) }
```

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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