

Converting Colors

$Y_{xy}(47.2078, 0.4230, 0.3479)$

Have a look what the booklet for
Yxy(47.2078, 0.4230, 0.3479)
contains.

Yxy(47.2298, 0.4238, 0.3483)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.2298, 0.4238, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	FD9E8C
RGB	253, 158, 140
RGB Percent	99%, 62%, 55%
CMY	0.0079, 0.3804, 0.4509
CMYK	0.00, 0.38, 0.45, 0.01
HSL	10°, 97%, 77%
HSV	10°, 45%, 99%
XYZ	57.4677, 47.2298, 30.9034
YIQ	184.3530, 62.3980, 14.5420

Conversions

Conversions Part 2

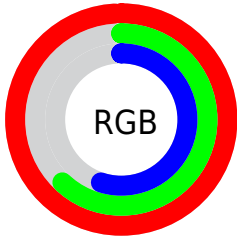
Format	Color
R _Y B	253, 161, 140
Decimal	16621196
CIE Lab	74.34, 33.42, 24.32
CIE LCh	74, 41.327, 36.044
Yxy	47.2298, 0.4238, 0.3483
Android (android.graphics.Color)	4294811276 (0xFFFD9E8C)
YUV	184.3530, -21.8660, 60.2034
Hunter-Lab	68.7239, 28.9966, 21.4455

Details

The Yxy color **47.2298, 0.4238, 0.3483** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.0845, 0.2488, 0.3079**, and the grayscale version is **48.2376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7435, 0.3584, 0.3486**, and **22.1788, 0.4550, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **39.9300, 0.4625, 0.3518**, and if you desaturate by 10%, it is **55.9617, 0.3904, 0.3440**.

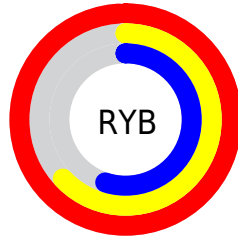
Distribution



Red (99%)

Green (62%)

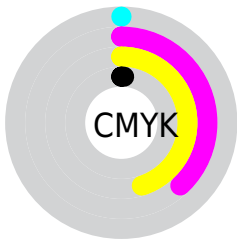
Blue (55%)



Red (99%)

Yellow (63%)

Blue (55%)

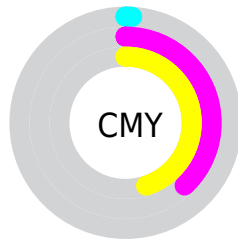


Cyan (0%)

Magenta (38%)

Yellow (45%)

Black (1%)



Cyan (1%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2298, 0.4238, 0.3483 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 47.2298, 0.4238, 0.3483 by changing the saturation by 10% instead.


 47.2298, 0.4238,
0.3483


 47.2298, 0.4238,
0.3483


375.7311, 0.3679,
0.3412


 33.2174, 0.4376,
0.3493


 86.0565, 0.4035,
0.3463

 22.2930, 0.4552,
0.3500


 111.6396, 0.3959,
0.3454

 14.0724, 0.4783,
0.3502


 141.8484, 0.3894,
0.3445

 8.1710, 0.5095,
0.3488

177.0672, 0.3839,
0.3437

 4.2046, 0.5534,
0.3436

217.6805, 0.3791,
0.3430

 1.7886, 0.6494,
0.3452

264.0726, 0.3749,

 0.4801, 0.7376,

0.3423

0.2624

316.6280, 0.3712,
0.3417

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2298, 0.4238,
0.3483

47.2298, 0.4238,
0.3483

39.9300, 0.4625,
0.3518

55.9617, 0.3904,
0.3440

33.9785, 0.5051,
0.3538

66.1893, 0.3624,
0.3395

29.2939, 0.5485,
0.3535

77.9811, 0.3393,
0.3351

25.7826, 0.5874,
0.3502

91.3993, 0.3203,
0.3309

■ 23.3376, 0.6161,
0.3440

99.6215, 0.3115,
0.3290

■ 22.4190, 0.6268,
0.3405

Harmonies

Analogous

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



47.2298, 0.3910, 0.3045



47.2298, 0.4238, 0.3483



47.2298, 0.4227, 0.3918

Triad

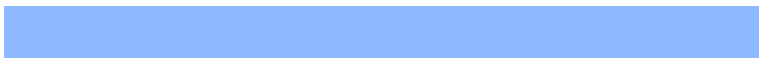
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.2298, 0.4238, 0.3483



47.2298, 0.2830, 0.4043



47.2298, 0.2350, 0.2392

Complementary

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



47.2298, 0.4238, 0.3483



72.0845, 0.2488, 0.3079

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.



47.2298, 0.2124, 0.2550



47.2298, 0.4238, 0.3483



47.2298, 0.2376, 0.3493

Square

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



47.2298, 0.4238, 0.3483



47.2298, 0.3390, 0.4327



47.2298, 0.2130, 0.2934



47.2298, 0.2787, 0.2445

Rectangle

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



47.2298, 0.4238, 0.3483



47.2298, 0.4041, 0.4159



47.2298, 0.2130, 0.2934



47.2298, 0.2250, 0.2420

Sweetspot

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



47.2322, 0.4238, 0.3483



81.5351, 0.3359, 0.3343



45.7008, 0.3326, 0.2337



16.8415, 0.3404, 0.3353



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.



47.2322, 0.4238, 0.3483



41.0838, 0.4599, 0.3516



70.5911, 0.3962, 0.4044



18.4541, 0.3290, 0.3329



12.0608, 0.6248, 0.3421



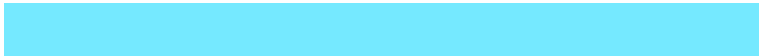
1.3020, 0.6058, 0.3572

Inverse Universe

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



72.0845, 0.2488, 0.3079



69.3392, 0.2383, 0.3027



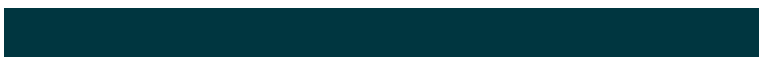
45.1322, 0.2367, 0.2386



19.9596, 0.2980, 0.3251



29.1887, 0.2104, 0.2774



2.9682, 0.2122, 0.2839

Previews

White Background



This preview shows how the Yxy color 47.2298, 0.4238, 0.3483 looks on a white background.

Color Contrast Check

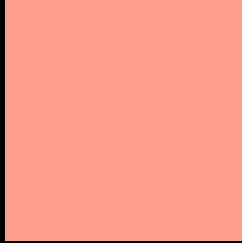
Large Text (above 18pt) WCAG AA × Fail

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 47.2298, 0.4238, 0.3483 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 47.2298, 0.4238, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 47.2298, 0.4238, 0.3483.



This preview shows how white text looks on a background with the Yxy color 47.2298, 0.4238, 0.3483.

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

47.2298, 0.4238, 0.3483

Protanopia

47.6033, 0.3477, 0.3691

Deuteranopia

47.4557, 0.3835, 0.3764



Tritanopia

47.1244, 0.4010, 0.3166

Trichromacy



Original Color

47.2298, 0.4238, 0.3483

Protanomaly

46.8573, 0.3735, 0.3608

Deuteranomaly

46.8689, 0.3980, 0.3651

Tritanomaly

46.9478, 0.4089, 0.3272

Monochromacy



Original Color

47.2298, 0.4238, 0.3483

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.0424, 0.3496, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2298, 0.4238, 0.3483 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(253, 158, 140)` looks like.

```
.text, #text, p{  
    color:rgb(253, 158, 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(253, 158, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 158, 140) }
```

Border

The CSS property to change the border of an element to Yxy 47.2298, 0.4238, 0.3483 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(253, 158, 140) }
```

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

```
.border{ border-color:rgb(253, 158, 140) }
```

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

Here you see how a box with a 4 pixel rgb(253, 158, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 158, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 158, 140);  
box-shadow:4px 4px 4px 4px rgb(253, 158,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2298, 0.4238, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 158, 140) }
```

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

```
.background{ background-color: rgb(253,  
158, 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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