

Converting Colors

Yxy(83.8648, 0.5221, 0.3423)

Have a look what the booklet for
Yxy(83.8648, 0.5221, 0.3423)
contains.

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Color

Yxy(47.8624, 0.4281, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F89
RGB	255, 159, 137
RGB Percent	100%, 62%, 54%
CMY	0.0000, 0.3765, 0.4628
CMYK	0.00, 0.38, 0.46, 0.00
HSL	11°, 100%, 77%
HSV	11°, 46%, 100%
XYZ	58.1604, 47.8624, 29.8342
YIQ	185.1960, 64.2780, 13.5100

Conversions

Conversions Part 2

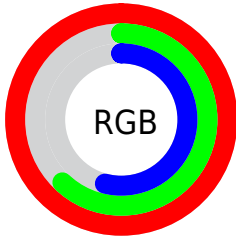
Format	Color
R_{YB}	255, 164, 137
Decimal	16752521
CIE _{Lab}	74.74, 33.38, 26.54
CIE _{LCh}	75, 42.644, 38.494
Yxy	47.8624, 0.4281, 0.3523
Android (android.graphics.Color)	4294942601 (0xFFFF9F89)
YUV	185.1960, -23.7606, 61.2181
Hunter-Lab	69.1827, 28.9914, 22.8598

Details

The Yxy color **47.8624, 0.4281, 0.3523** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.8114, 0.2462, 0.3032**, and the grayscale version is **48.7341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1147, 0.3604, 0.3527**, and **22.5983, 0.4604, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **40.6665, 0.4666, 0.3563**, and if you desaturate by 10%, it is **56.4226, 0.3945, 0.3474**.

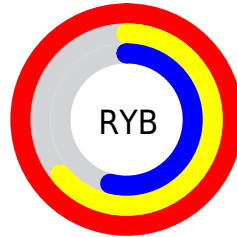
Distribution



Red (100%)

Green (62%)

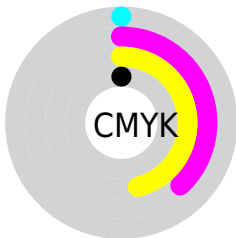
Blue (54%)



Red (100%)

Yellow (64%)

Blue (54%)

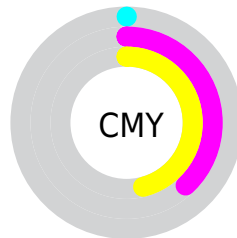


Cyan (0%)

Magenta (38%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8624, 0.4281, 0.3523 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 47.8624, 0.4281, 0.3523 by changing the saturation by 10% instead.


 47.8624, 0.4281,
0.3523


 47.8624, 0.4281,
0.3523


378.2465, 0.3702,
0.3435


 33.7179, 0.4423,
0.3536


 86.9995, 0.4072,
0.3498

 22.6770, 0.4604,
0.3547


 112.7609, 0.3993,
0.3486

 14.3552, 0.4839,
0.3552


 143.1634, 0.3926,
0.3476

 8.3681, 0.5155,
0.3542

178.5915, 0.3868,
0.3466

 4.3314, 0.5593,
0.3491

219.4294, 0.3819,
0.3457

 1.8606, 0.6510,
0.3490

266.0616, 0.3775,

 0.5245, 0.7284,

0.3449

0.2716

318.8725, 0.3736,
0.3441

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8624, 0.4281,
0.3523

47.8624, 0.4281,
0.3523

40.6665, 0.4666,
0.3563

56.4226, 0.3945,
0.3474

34.7717, 0.5085,
0.3584

66.4226, 0.3661,
0.3421

30.0961, 0.5506,
0.3577

77.9219, 0.3426,
0.3369

26.5519, 0.5878,
0.3537

90.9790, 0.3231,
0.3319

■ 24.0387, 0.6151,
0.3465

100.0000, 0.3127,
0.3290

■ 23.3373, 0.6227,
0.3437

Harmonies

Analogous

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



47.8624, 0.3970, 0.3072



47.8624, 0.4281, 0.3523



47.8624, 0.4239, 0.3965

Triad

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



47.8624, 0.4281, 0.3523



47.8624, 0.2777, 0.4027



47.8624, 0.2360, 0.2367

Complementary

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



47.8624, 0.4281, 0.3523



70.8114, 0.2462, 0.3032

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.



47.8624, 0.2110, 0.2509



47.8624, 0.4281, 0.3523



47.8624, 0.2327, 0.3447

Square

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



47.8624, 0.4281, 0.3523



47.8624, 0.3347, 0.4348



47.8624, 0.2096, 0.2882



47.8624, 0.2821, 0.2438

Rectangle

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



47.8624, 0.4281, 0.3523



47.8624, 0.4032, 0.4205



47.8624, 0.2096, 0.2882



47.8624, 0.2251, 0.2389

Sweetspot

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



47.8595, 0.4281, 0.3523



80.7597, 0.3378, 0.3357



45.0514, 0.3371, 0.2339



16.7106, 0.3423, 0.3368



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.



47.8595, 0.4281, 0.3523



40.8499, 0.4655, 0.3562



73.0163, 0.3979, 0.4107



18.5349, 0.3290, 0.3335



12.3503, 0.6204, 0.3456



1.3419, 0.6003, 0.3615

Inverse Universe

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



70.8114, 0.2462, 0.3032



66.3694, 0.2352, 0.2968



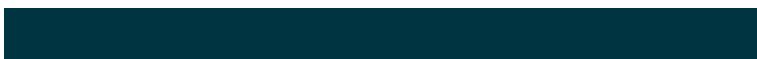
42.9475, 0.2328, 0.2295



19.8715, 0.2980, 0.3245



27.4112, 0.2078, 0.2680



2.8110, 0.2099, 0.2757

Previews

White Background



This preview shows how the Yxy color 47.8624, 0.4281, 0.3523 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 47.8624, 0.4281, 0.3523 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 47.8624, 0.4281, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 47.8624, 0.4281, 0.3523.



This preview shows how white text looks on a background with the Yxy color 47.8624, 0.4281, 0.3523.

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

47.8624, 0.4281, 0.3523

Protanopia

48.1549, 0.3526, 0.3752

Deuteranopia

48.0709, 0.3876, 0.3807



Tritanopia

47.8270, 0.3992, 0.3177

Trichromacy



Original Color

47.8624, 0.4281, 0.3523



Protanomaly

47.4253, 0.3786, 0.3666



Deuteranomaly

47.4876, 0.4022, 0.3694



Tritanomaly

47.7742, 0.4100, 0.3303

Monochromacy



Original Color

47.8624, 0.4281, 0.3523



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

47.5795, 0.3503, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8624, 0.4281, 0.3523 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, 159, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 137)  
}
```

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, 159, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 137) }
```

Border

The CSS property to change the border of an element to Yxy 47.8624, 0.4281, 0.3523 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, 159, 137) }
```

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

```
.border{ border-color:rgb(255, 159, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8624, 0.4281, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 137) }
```

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

```
.background{ background-color: rgb(255,  
159, 137) }
```

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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