

Converting Colors

$Y_{xy}(49.0277, 0.4483, 0.3367)$

Have a look what the booklet for
Yxy(49.0277, 0.4483, 0.3367)
contains.

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Color

Yxy(44.6780, 0.4293, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FF958D
RGB	255, 149, 141
RGB Percent	100%, 58%, 55%
CMY	0.0000, 0.4157, 0.4471
CMYK	0.00, 0.42, 0.45, 0.00
HSL	4°, 100%, 78%
HSV	4°, 45%, 100%
XYZ	56.7968, 44.6780, 30.8261
YIQ	179.7820, 65.7440, 19.9840

Conversions

Conversions Part 2

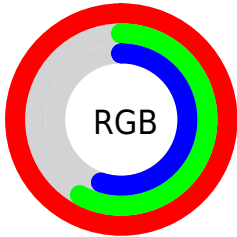
Format	Color
R _Y B	255, 150, 141
Decimal	16749965
CIE Lab	72.68, 38.91, 21.57
CIE LCh	73, 44.486, 29.004
Yxy	44.6780, 0.4293, 0.3377
Android (android.graphics.Color)	4294940045 (0xFFFF958D)
YUV	179.7820, -19.1195, 65.9662
Hunter-Lab	66.8416, 34.7025, 19.4457

Details

The Yxy color **44.6780, 0.4293, 0.3377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.3969, 0.2508, 0.3197**, and the grayscale version is **45.5966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3859, 0.3597, 0.3384**, and **20.7232, 0.4632, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **37.2513, 0.4711, 0.3392**, and if you desaturate by 10%, it is **53.8079, 0.3935, 0.3358**.

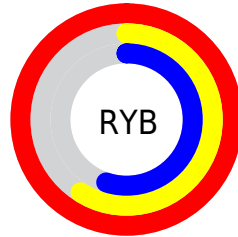
Distribution



Red (100%)

Green (58%)

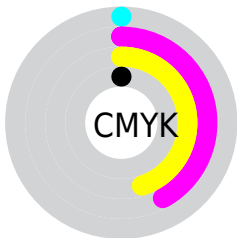
Blue (55%)



Red (100%)

Yellow (59%)

Blue (55%)

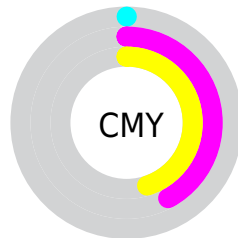


Cyan (0%)

Magenta (42%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6780, 0.4293, 0.3377 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 44.6780, 0.4293, 0.3377 by changing the saturation by 10% instead.


 44.6780, 0.4293,
0.3377

 44.6780, 0.4293,
0.3377


365.4679, 0.3701,
0.3358

 31.2039, 0.4442,
0.3374


 82.2370, 0.4077,
0.3376

 20.7541, 0.4632,
0.3364


 107.0907, 0.3996,
0.3374

 12.9444, 0.4882,
0.3344


 136.5063, 0.3927,
0.3372

 7.3903, 0.5226,
0.3300

170.8683, 0.3869,
0.3369

 3.7074, 0.5715,
0.3205

210.5611, 0.3818,
0.3366

 1.5112, 0.6806,
0.3151

255.9690, 0.3774,

 0.2966, 0.8136,

0.3363

0.1864

307.4765, 0.3735,
0.3361

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.6780, 0.4293,
0.3377

44.6780, 0.4293,
0.3377

37.2513, 0.4711,
0.3392

53.8079, 0.3935,
0.3358

31.4198, 0.5171,
0.3399

64.7350, 0.3639,
0.3337

27.0674, 0.5630,
0.3394

77.5490, 0.3399,
0.3317

24.0607, 0.6022,
0.3375

92.3334, 0.3205,
0.3298

■ 22.2425, 0.6282,
0.3344

100.0000, 0.3127,
0.3290

■ 21.6900, 0.6363,
0.3329

Harmonies

Analogous

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



44.6780, 0.3858, 0.2917



44.6780, 0.4293, 0.3377



44.6780, 0.4366, 0.3858

Triad

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



44.6780, 0.4293, 0.3377



44.6780, 0.2935, 0.4233



44.6780, 0.2204, 0.2333

Complementary

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



44.6780, 0.4293, 0.3377



79.3969, 0.2508, 0.3197

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.



44.6780, 0.2018, 0.2555



44.6780, 0.4293, 0.3377



44.6780, 0.2404, 0.3665

Square

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



44.6780, 0.4293, 0.3377



44.6780, 0.3549, 0.4445



44.6780, 0.2083, 0.3024



44.6780, 0.2624, 0.2342

Rectangle

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



44.6780, 0.4293, 0.3377



44.6780, 0.4209, 0.4146



44.6780, 0.2083, 0.3024



44.6780, 0.2115, 0.2380

Sweetspot

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



44.6788, 0.4293, 0.3377



79.9337, 0.3363, 0.3314



47.0476, 0.3243, 0.2256



16.4522, 0.3410, 0.3318



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.



44.6788, 0.4293, 0.3377



37.7239, 0.4680, 0.3391



67.1316, 0.4008, 0.3955



18.1919, 0.3293, 0.3307



11.4080, 0.6351, 0.3339



1.1789, 0.6241, 0.3427

Inverse Universe

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



79.3969, 0.2508, 0.3197



76.5239, 0.2414, 0.3175



49.8806, 0.2387, 0.2505



20.2500, 0.2980, 0.3273



35.5384, 0.2186, 0.3069



3.5231, 0.2193, 0.3096

Previews

White Background



This preview shows how the Yxy color 44.6780, 0.4293, 0.3377 looks on a white background.

Color Contrast Check

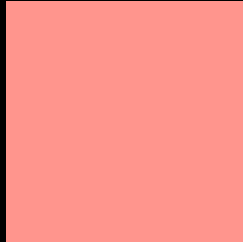
Large Text (above 18pt) WCAG AA × Fail

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 44.6780, 0.4293, 0.3377 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 44.6780, 0.4293, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 44.6780, 0.4293, 0.3377.



This preview shows how white text looks on a background with the Yxy color 44.6780, 0.4293, 0.3377.

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

44.6780, 0.4293, 0.3377

Protanopia

44.7721, 0.3399, 0.3595

Deuteranopia

44.6336, 0.3799, 0.3714



Tritanopia

44.5961, 0.4122, 0.3178

Trichromacy



Original Color

44.6780, 0.4293, 0.3377

Protanomaly

43.8365, 0.3713, 0.3502

Deuteranomaly

44.1981, 0.3980, 0.3586

Tritanomaly

44.7068, 0.4181, 0.3251

Monochromacy



Original Color

44.6780, 0.4293, 0.3377

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.3945, 0.3509, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6780, 0.4293, 0.3377 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, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 141)  
}
```

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, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 141) }
```

Border

The CSS property to change the border of an element to Yxy 44.6780, 0.4293, 0.3377 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, 149, 141) }
```

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

```
.border{ border-color:rgb(255, 149, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6780, 0.4293, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 141) }
```

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

```
.background{ background-color: rgb(255,  
149, 141) }
```

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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