

Converting Colors

$Yxy(66.7207, 0.4869, 0.3492)$

Have a look what the booklet for
Yxy(66.7207, 0.4869, 0.3492)
contains.

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Color

Yxy(48.8782, 0.4274, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	FFA288
RGB	255, 162, 136
RGB Percent	100%, 64%, 53%
CMY	0.0001, 0.3646, 0.4668
CMYK	0.00, 0.36, 0.47, 0.00
HSL	13°, 100%, 77%
HSV	13°, 47%, 100%
XYZ	58.5990, 48.8782, 29.6286
YIQ	186.8430, 63.7740, 11.6300

Conversions

Conversions Part 2

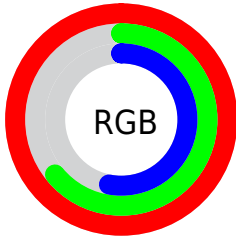
Format	Color
R _Y B	255, 169, 136
Decimal	16753288
CIE Lab	75.38, 31.69, 27.94
CIE LCh	75, 42.252, 41.400
Yxy	48.8782, 0.4274, 0.3565
Android (android.graphics.Color)	4294943368 (0xFFFFA288)
YUV	186.8430, -25.0656, 59.7737
Hunter-Lab	69.9129, 27.2659, 23.8124

Details

The Yxy color **48.8782, 0.4274, 0.3565** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.4591, 0.2449, 0.2983**, and the grayscale version is **49.7186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1205, 0.3601, 0.3578**, and **23.2113, 0.4591, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **41.7685, 0.4649, 0.3612**, and if you desaturate by 10%, it is **57.2768, 0.3945, 0.3507**.

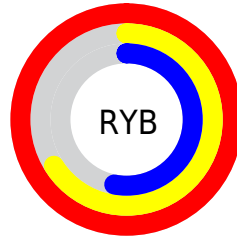
Distribution



Red (100%)

Green (64%)

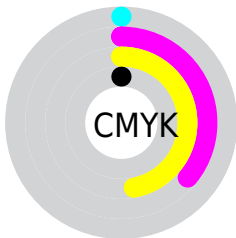
Blue (53%)



Red (100%)

Yellow (66%)

Blue (53%)

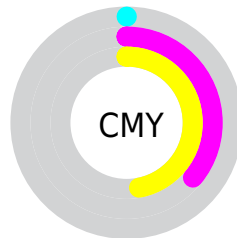


Cyan (0%)

Magenta (36%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8782, 0.4274, 0.3565 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 48.8782, 0.4274, 0.3565 by changing the saturation by 10% instead.

 48.8782, 0.4274,
0.3565


 48.8782, 0.4274,
0.3565


382.2626, 0.3701,
0.3457

 34.5229, 0.4414,
0.3582


 88.5105, 0.4068,
0.3533

 23.2956, 0.4591,
0.3599


 114.5563, 0.3989,
0.3518

 14.8119, 0.4821,
0.3612

 145.2677, 0.3923,
0.3505

 8.6875, 0.5127,
0.3611

181.0291, 0.3866,
0.3494

 4.5379, 0.5550,
0.3574

222.2249, 0.3817,
0.3483

 1.9788, 0.6413,
0.3587

269.2395, 0.3773,

 0.5951, 0.7081,

0.3473

0.2919

322.4573, 0.3735,
0.3465

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8782, 0.4274,
0.3565

48.8782, 0.4274,
0.3565

41.7685, 0.4649,
0.3612

57.2768, 0.3945,
0.3507

35.8757, 0.5055,
0.3638

67.0168, 0.3666,
0.3446

31.1319, 0.5463,
0.3633

78.1570, 0.3432,
0.3385

27.4587, 0.5827,
0.3590

90.7501, 0.3238,
0.3327

■ 24.7671, 0.6099,
0.3511

99.9974, 0.3127,
0.3290

■ 24.0659, 0.6170,
0.3483

Harmonies

Analogous

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



48.8782, 0.4000, 0.3118



48.8782, 0.4274, 0.3565



48.8782, 0.4200, 0.3995

Triad

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



48.8782, 0.4274, 0.3565



48.8782, 0.2732, 0.3966



48.8782, 0.2407, 0.2378

Complementary

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



48.8782, 0.4274, 0.3565



68.4591, 0.2449, 0.2983

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.



48.8782, 0.2138, 0.2497



48.8782, 0.4274, 0.3565



48.8782, 0.2307, 0.3387

Square

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



48.8782, 0.4274, 0.3565



48.8782, 0.3289, 0.4315



48.8782, 0.2102, 0.2844



48.8782, 0.2879, 0.2466

Rectangle

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



48.8782, 0.4274, 0.3565



48.8782, 0.3979, 0.4220



48.8782, 0.2102, 0.2844



48.8782, 0.2293, 0.2393

Sweetspot

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



48.8806, 0.4274, 0.3565



81.3896, 0.3376, 0.3369



44.5269, 0.3411, 0.2366



16.8623, 0.3421, 0.3382



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.



48.8806, 0.4274, 0.3565



42.2137, 0.4622, 0.3609



74.8878, 0.3968, 0.4150



18.6313, 0.3289, 0.3343



12.7540, 0.6145, 0.3503



1.3943, 0.5934, 0.3670

Inverse Universe

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



68.4591, 0.2449, 0.2983



63.8565, 0.2340, 0.2910



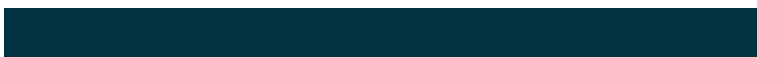
41.0863, 0.2312, 0.2234



19.7672, 0.2980, 0.3237



25.3947, 0.2047, 0.2568



2.6315, 0.2072, 0.2659

Previews

White Background



This preview shows how the Yxy color 48.8782, 0.4274, 0.3565 looks on a white background.

Color Contrast Check

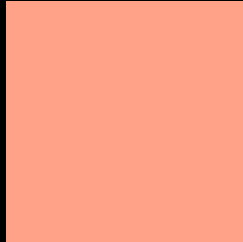
Large Text (above 18pt) WCAG AA × Fail

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 48.8782, 0.4274, 0.3565 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 48.8782, 0.4274, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 48.8782, 0.4274, 0.3565.



This preview shows how white text looks on a background with the Yxy color 48.8782, 0.4274, 0.3565.

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

48.8782, 0.4274, 0.3565

Protanopia

49.2302, 0.3547, 0.3786

Deuteranopia

48.9064, 0.3908, 0.3825



Tritanopia

48.9586, 0.3951, 0.3177

Trichromacy



Original Color

48.8782, 0.4274, 0.3565

Protanomaly

48.4875, 0.3806, 0.3699

Deuteranomaly

48.5499, 0.4040, 0.3724

Tritanomaly

48.8702, 0.4067, 0.3314

Monochromacy



Original Color

48.8782, 0.4274, 0.3565

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.6650, 0.3516, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8782, 0.4274, 0.3565 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, 162, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 136)  
}
```

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, 162, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 136) }
```

Border

The CSS property to change the border of an element to Yxy 48.8782, 0.4274, 0.3565 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, 162, 136) }
```

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

```
.border{ border-color:rgb(255, 162, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8782, 0.4274, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 136) }
```

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

```
.background{ background-color: rgb(255,  
162, 136) }
```

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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