

Converting Colors

$Y_{xy}(48.2781, 0.4222, 0.3450)$

Have a look what the booklet for
Yxy(48.2781, 0.4222, 0.3450)
contains.

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Color

Yxy(48.0699, 0.4212, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F90
RGB	255, 159, 144
RGB Percent	100%, 62%, 56%
CMY	0.0000, 0.3766, 0.4352
CMYK	0.00, 0.38, 0.44, 0.00
HSL	8°, 100%, 78%
HSV	8°, 44%, 100%
XYZ	58.6871, 48.0699, 32.5761
YIQ	185.9940, 62.0310, 15.6870

Conversions

Conversions Part 2

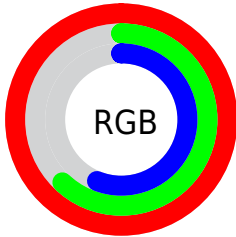
Format	Color
R _Y B	255, 161, 144
Decimal	16752528
CIE Lab	74.87, 34.09, 22.91
CIE LCh	75, 41.070, 33.898
Yxy	48.0699, 0.4212, 0.3450
Android (android.graphics.Color)	4294942608 (0xFFFF9F90)
YUV	185.9940, -20.7030, 60.5183
Hunter-Lab	69.3325, 29.7611, 20.6751

Details

The Yxy color **48.0699, 0.4212, 0.3450** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.4926, 0.2507, 0.3117**, and the grayscale version is **49.1836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9381, 0.3549, 0.3465**, and **22.7183, 0.4510, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **40.4475, 0.4601, 0.3481**, and if you desaturate by 10%, it is **57.2077, 0.3877, 0.3413**.

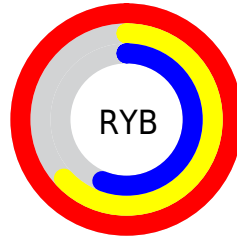
Distribution



Red (100%)

Green (62%)

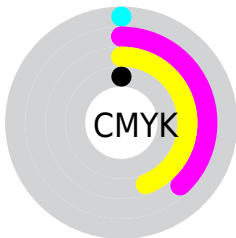
Blue (56%)



Red (100%)

Yellow (63%)

Blue (56%)

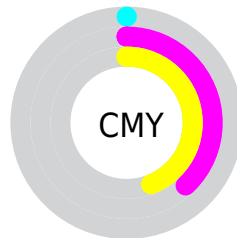


Cyan (0%)

Magenta (38%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0699, 0.4212, 0.3450 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 48.0699, 0.4212, 0.3450 by changing the saturation by 10% instead.


 48.0699, 0.4212,
0.3450

 48.0699, 0.4212,
0.3450


379.0691, 0.3667,
0.3394

 33.8822, 0.4347,
0.3457


 87.3085, 0.4015,
0.3435

 22.8032, 0.4518,
0.3461


 113.1282, 0.3940,
0.3428

 14.4482, 0.4742,
0.3459


143.5940, 0.3877,
0.3421

 8.4331, 0.5047,
0.3442

179.0904, 0.3823,
0.3415

 4.3733, 0.5476,
0.3389

220.0017, 0.3777,
0.3409

 1.8845, 0.6311,
0.3350

266.7123, 0.3736,

 0.5390, 0.7292,

0.3403

0.2708

319.6067, 0.3699,
0.3398

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.0699, 0.4212,
0.3450

48.0699, 0.4212,
0.3450

40.4475, 0.4601,
0.3481

57.2077, 0.3877,
0.3413

34.2786, 0.5035,
0.3498

67.9606, 0.3599,
0.3375

29.4635, 0.5478,
0.3496

80.3936, 0.3371,
0.3337

25.8993, 0.5878,
0.3468

94.5744, 0.3184,
0.3302

■ 23.4678, 0.6175,
0.3416

100.0000, 0.3127,
0.3290

■ 22.4258, 0.6301,
0.3379

Harmonies

Analogous

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



48.0699, 0.3867, 0.3019



48.0699, 0.4212, 0.3450



48.0699, 0.4226, 0.3884

Triad

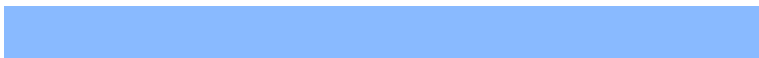
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.0699, 0.4212, 0.3450



48.0699, 0.2871, 0.4064



48.0699, 0.2336, 0.2406

Complementary

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



48.0699, 0.4212, 0.3450



75.4926, 0.2507, 0.3117

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.



48.0699, 0.2127, 0.2579



48.0699, 0.4212, 0.3450



48.0699, 0.2411, 0.3533

Square

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



48.0699, 0.4212, 0.3450



48.0699, 0.3427, 0.4320



48.0699, 0.2151, 0.2974



48.0699, 0.2754, 0.2443

Rectangle

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



48.0699, 0.4212, 0.3450



48.0699, 0.4056, 0.4128



48.0699, 0.2151, 0.2974



48.0699, 0.2241, 0.2439

Sweetspot

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



48.0625, 0.4211, 0.3450



81.0924, 0.3360, 0.3335



47.5141, 0.3304, 0.2344



16.7337, 0.3406, 0.3343



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.



48.0625, 0.4211, 0.3450



41.5123, 0.4539, 0.3477



71.5219, 0.3946, 0.4009



18.3817, 0.3291, 0.3323



11.8381, 0.6282, 0.3394



1.2682, 0.6106, 0.3534

Inverse Universe

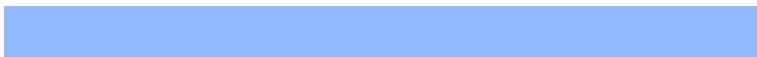
The Inverse Universe completely reimagines the original color for something new.



75.4926, 0.2507, 0.3117



72.0265, 0.2412, 0.3078



47.7269, 0.2391, 0.2436



20.0391, 0.2980, 0.3257



30.8512, 0.2127, 0.2857



3.1145, 0.2142, 0.2911

Previews

White Background



This preview shows how the Yxy color 48.0699, 0.4212, 0.3450 looks on a white background.

Color Contrast Check

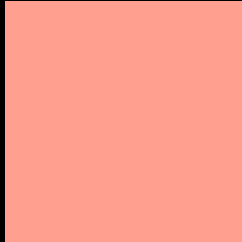
Large Text (above 18pt) WCAG AA × Fail

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 48.0699, 0.4212, 0.3450 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 48.0699, 0.4212, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 48.0699, 0.4212, 0.3450.



This preview shows how white text looks on a background with the Yxy color 48.0699, 0.4212, 0.3450.

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

48.0699, 0.4212, 0.3450

Protanopia

48.1506, 0.3441, 0.3651

Deuteranopia

48.1191, 0.3805, 0.3726



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.0699, 0.4212, 0.3450

Protanomaly

47.5259, 0.3705, 0.3570

Deuteranomaly

47.6914, 0.3957, 0.3614

Tritanomaly

48.2169, 0.4066, 0.3282

Monochromacy



Original Color

48.0699, 0.4212, 0.3450

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.8398, 0.3485, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0699, 0.4212, 0.3450 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 144) }
```

Border

The CSS property to change the border of an element to Yxy 48.0699, 0.4212, 0.3450 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, 144) }
```

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

```
.border{ border-color:rgb(255, 159, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 159, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 159, 144); box-shadow:4px 4px 4px 4px rgb(255, 159, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0699, 0.4212, 0.3450 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
159, 144) }
```

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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