

Converting Colors

$Y_{xy}(44.0248, 0.4423, 0.3490)$

Have a look what the booklet for
Yxy(44.0248, 0.4423, 0.3490)
contains.

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Color

Yxy(44.0248, 0.4423, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	FF9481
RGB	255, 148, 129
RGB Percent	100%, 58%, 51%
CMY	0.0000, 0.4196, 0.4941
CMYK	0.00, 0.42, 0.49, 0.00
HSL	9°, 100%, 75%
HSV	9°, 49%, 100%
XYZ	55.7942, 44.0248, 26.3266
YIQ	177.8270, 69.8710, 16.7750

Conversions

Conversions Part 2

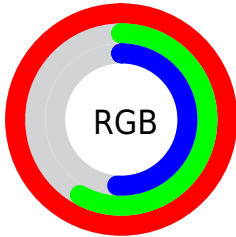
Format	Color
R_{YB}	255, 151, 129
Decimal	16749697
CIE _{Lab}	72.25, 38.29, 27.55
CIE _{LCh}	72, 47.167, 35.738
Yxy	44.0248, 0.4423, 0.3490
Android (android.graphics.Color)	4294939777 (0xFFFF9481)
YUV	177.8270, -24.0717, 67.6807
Hunter-Lab	66.3512, 33.9846, 22.9210

Details

The Yxy color **44.0248, 0.4423, 0.3490** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.8783, 0.2435, 0.3066**, and the grayscale version is **44.5270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3493, 0.3702, 0.3510**, and **20.3657, 0.4798, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **37.2605, 0.4835, 0.3517**, and if you desaturate by 10%, it is **52.2313, 0.4060, 0.3452**.

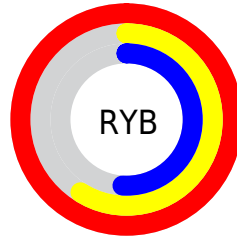
Distribution



Red (100%)

Green (58%)

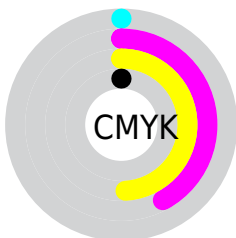
Blue (51%)



Red (100%)

Yellow (59%)

Blue (51%)

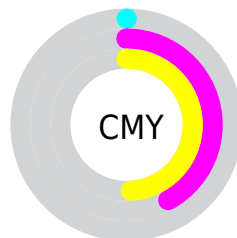


Cyan (0%)

Magenta (42%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0248, 0.4423, 0.3490 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 44.0248, 0.4423, 0.3490 by changing the saturation by 10% instead.


 44.0248, 0.4423,
0.3490


 44.0248, 0.4423,
0.3490


362.8095, 0.3765,
0.3423

 30.6900, 0.4587,
0.3495


 81.2551, 0.4183,
0.3474

 20.3629, 0.4795,
0.3495


 105.9193, 0.4093,
0.3466

 12.6591, 0.5068,
0.3483


 135.1288, 0.4017,
0.3457

 7.1942, 0.5434,
0.3444

169.2681, 0.3952,
0.3450

 3.5839, 0.5949,
0.3345

208.7213, 0.3896,
0.3442

 1.4436, 0.6834,
0.3166

253.8731, 0.3847,

 0.2485, 0.8302,

0.3435

0.1698

305.1076, 0.3803,
0.3429

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.0248, 0.4423,
0.3490

44.0248, 0.4423,
0.3490

37.2605, 0.4835,
0.3517

52.2313, 0.4060,
0.3452

31.8510, 0.5273,
0.3526

61.9536, 0.3753,
0.3410

27.7050, 0.5695,
0.3509

73.2642, 0.3498,
0.3367

24.7178, 0.6042,
0.3463

86.2302, 0.3289,
0.3326

■ 22.7627, 0.6270,
0.3398

100.0000, 0.3127,
0.3290

■ 22.6754, 0.6281,
0.3395

Harmonies

Analogous

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



44.0248, 0.4037, 0.2996



44.0248, 0.4423, 0.3490



44.0248, 0.4404, 0.3992

Triad

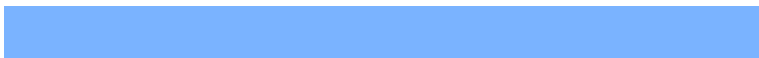
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.0248, 0.4423, 0.3490



44.0248, 0.2779, 0.4190



44.0248, 0.2229, 0.2260

Complementary

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



44.0248, 0.4423, 0.3490



71.8783, 0.2435, 0.3066

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.



44.0248, 0.1977, 0.2433



44.0248, 0.4423, 0.3490



44.0248, 0.2260, 0.3529

Square

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



44.0248, 0.4423, 0.3490



44.0248, 0.3425, 0.4515



44.0248, 0.1984, 0.2869



44.0248, 0.2722, 0.2322

Rectangle

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



44.0248, 0.4423, 0.3490



44.0248, 0.4182, 0.4281



44.0248, 0.1984, 0.2869



44.0248, 0.2117, 0.2290

Sweetspot

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



44.0259, 0.4423, 0.3490



78.7749, 0.3401, 0.3349



43.0234, 0.3353, 0.2245



16.2886, 0.3446, 0.3358



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.



44.0259, 0.4423, 0.3490



37.5108, 0.4817, 0.3516



69.3845, 0.4066, 0.4120



18.4290, 0.3291, 0.3327



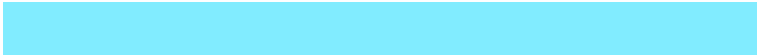
11.9797, 0.6260, 0.3411



1.2903, 0.6075, 0.3559

Inverse Universe

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



71.8783, 0.2435, 0.3066



68.0854, 0.2337, 0.3015



41.8137, 0.2282, 0.2268



19.9871, 0.2980, 0.3253



29.7580, 0.2112, 0.2803



3.0184, 0.2129, 0.2864

Previews

White Background



This preview shows how the Yxy color 44.0248, 0.4423, 0.3490 looks on a white background.

Color Contrast Check

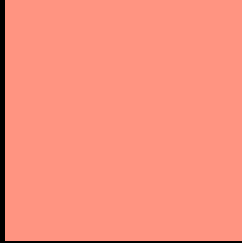
Large Text (above 18pt) WCAG AA × Fail

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 44.0248, 0.4423, 0.3490 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 44.0248, 0.4423, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 44.0248, 0.4423, 0.3490.



This preview shows how white text looks on a background with the Yxy color 44.0248, 0.4423, 0.3490.

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

44.0248, 0.4423, 0.3490

Protanopia

44.2161, 0.3532, 0.3755

Deuteranopia

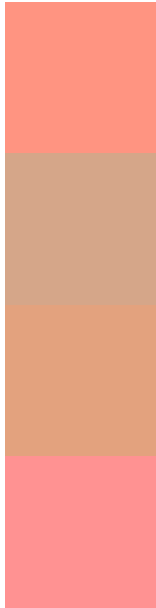
44.0790, 0.3923, 0.3848



Tritanopia

43.9111, 0.4151, 0.3178

Trichromacy



Original Color

44.0248, 0.4423, 0.3490

Protanomaly

43.2247, 0.3850, 0.3650

Deuteranomaly

43.6779, 0.4110, 0.3712

Tritanomaly

43.8931, 0.4255, 0.3293

Monochromacy



Original Color

44.0248, 0.4423, 0.3490

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.2973, 0.3560, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0248, 0.4423, 0.3490 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, 148, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 129)  
}
```

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, 148, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 129) }
```

Border

The CSS property to change the border of an element to Yxy 44.0248, 0.4423, 0.3490 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, 148, 129) }
```

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

```
.border{ border-color:rgb(255, 148, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0248, 0.4423, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 129) }
```

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

```
.background{ background-color: rgb(255,  
148, 129) }
```

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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