

Converting Colors

Yxy(46.6026, 0.4417, 0.3622)

Have a look what the booklet for
Yxy(46.6026, 0.4417, 0.3622)
contains.

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Color

Yxy(46.4922, 0.4424, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C7C
RGB	255, 156, 124
RGB Percent	100%, 61%, 49%
CMY	0.0000, 0.3882, 0.5136
CMYK	0.00, 0.39, 0.51, 0.00
HSL	15°, 100%, 74%
HSV	15°, 51%, 100%
XYZ	56.7710, 46.4922, 25.0619
YIQ	181.9530, 69.2760, 11.0360

Conversions

Conversions Part 2

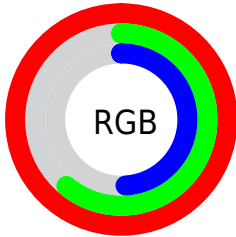
Format	Color
R _Y B	255, 166, 124
Decimal	16751740
CIE Lab	73.86, 33.74, 32.37
CIE LCh	74, 46.754, 43.813
Yxy	46.4922, 0.4424, 0.3623
Android (android.graphics.Color)	4294941820 (0xFFFF9C7C)
YUV	181.9530, -28.5708, 64.0622
Hunter-Lab	68.1852, 29.2952, 25.9372

Details

The Yxy color **46.4922, 0.4424, 0.3623** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **64.3028, 0.2384, 0.2906**, and the grayscale version is **46.8834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0229, 0.3717, 0.3643**, and **21.8106, 0.4787, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **39.9645, 0.4806, 0.3667**, and if you desaturate by 10%, it is **54.2144, 0.4081, 0.3563**.

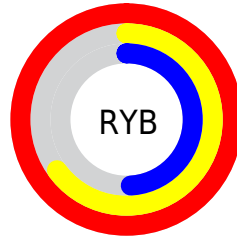
Distribution



Red (100%)

Green (61%)

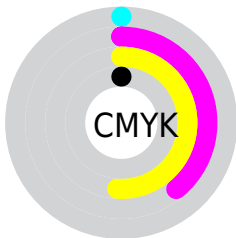
Blue (49%)



Red (100%)

Yellow (65%)

Blue (49%)

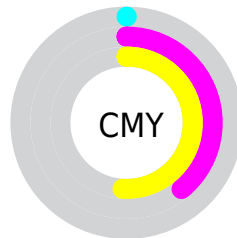


Cyan (0%)

Magenta (39%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4922, 0.4424, 0.3623 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 46.4922, 0.4424, 0.3623 by changing the saturation by 10% instead.

 46.4922, 0.4424,
0.3623


 46.4922, 0.4424,
0.3623

372.7839, 0.3773,
0.3494


 32.6344, 0.4583,
0.3642


 84.9551, 0.4189,
0.3585

 21.8465, 0.4783,
0.3659


 110.3291, 0.4101,
0.3569

 13.7442, 0.5040,
0.3668


 140.3105, 0.4025,
0.3553

 7.9429, 0.5380,
0.3655

175.2838, 0.3961,
0.3539

 4.0585, 0.5857,
0.3599

215.6334, 0.3904,
0.3526

 1.7063, 0.6565,
0.3435

261.7437, 0.3855,

 0.4277, 0.7514,

0.3514

0.2486

313.9991, 0.3812,
0.3504

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.4922, 0.4424,
0.3623

46.4922, 0.4424,
0.3623

39.9645, 0.4806,
0.3667

54.2144, 0.4081,
0.3563

34.5683, 0.5207,
0.3684

63.1862, 0.3784,
0.3496

30.2367, 0.5591,
0.3664

73.4615, 0.3533,
0.3427

26.8946, 0.5914,
0.3601

85.0901, 0.3323,
0.3361

■ 24.7309, 0.6121,
0.3522

■ 98.1194, 0.3148,
0.3298

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



46.4922, 0.4148, 0.3129



46.4922, 0.4424, 0.3623



46.4922, 0.4302, 0.4099

Triad

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



46.4922, 0.4424, 0.3623



46.4922, 0.2634, 0.4011



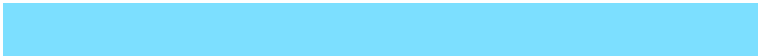
46.4922, 0.2358, 0.2278

Complementary

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



46.4922, 0.4424, 0.3623



64.3028, 0.2384, 0.2906

Split Complementary

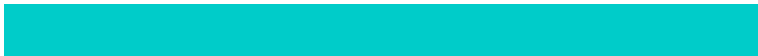
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.4922, 0.2045, 0.2384



46.4922, 0.4424, 0.3623



46.4922, 0.2183, 0.3338

Square

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



46.4922, 0.4424, 0.3623



46.4922, 0.3247, 0.4439



46.4922, 0.1983, 0.2742



46.4922, 0.2896, 0.2395

Rectangle

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



46.4922, 0.4424, 0.3623



46.4922, 0.4035, 0.4349



46.4922, 0.1983, 0.2742



46.4922, 0.2227, 0.2287

Sweetspot

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



46.4927, 0.4424, 0.3623



80.6959, 0.3395, 0.3384



41.0901, 0.3470, 0.2301



16.7457, 0.3439, 0.3398



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.



46.4927, 0.4424, 0.3623



39.5851, 0.4831, 0.3669



73.9426, 0.4050, 0.4248



18.7069, 0.3288, 0.3349



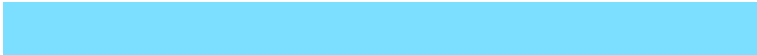
13.1161, 0.6093, 0.3544



1.4393, 0.5877, 0.3715

Inverse Universe

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



64.3028, 0.2384, 0.2906



59.0801, 0.2266, 0.2810



36.2901, 0.2220, 0.2078



19.6861, 0.2980, 0.3231



23.8933, 0.2022, 0.2478



2.4969, 0.2051, 0.2582

Previews

White Background



This preview shows how the Yxy color 46.4922, 0.4424, 0.3623 looks on a white background.

Color Contrast Check

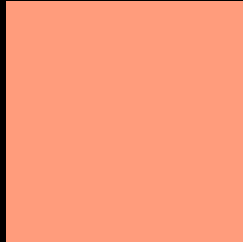
Large Text (above 18pt) WCAG AA × Fail

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 46.4922, 0.4424, 0.3623 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 46.4922, 0.4424, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 46.4922, 0.4424, 0.3623.



This preview shows how white text looks on a background with the Yxy color 46.4922, 0.4424, 0.3623.

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

46.4922, 0.4424, 0.3623

Protanopia

46.8073, 0.3632, 0.3898

Deuteranopia

46.5580, 0.4004, 0.3925



Tritanopia

46.3608, 0.4049, 0.3177

Trichromacy



Original Color

46.4922, 0.4424, 0.3623

Protanomaly

46.2775, 0.3912, 0.3799

Deuteranomaly

46.0315, 0.4157, 0.3805

Tritanomaly

46.2124, 0.4190, 0.3335

Monochromacy



Original Color

46.4922, 0.4424, 0.3623

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0157, 0.3564, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4922, 0.4424, 0.3623 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, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 124)  
}
```

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, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 124) }
```

Border

The CSS property to change the border of an element to Yxy 46.4922, 0.4424, 0.3623 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, 156, 124) }
```

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

```
.border{ border-color:rgb(255, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4922, 0.4424, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 124) }
```

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

```
.background{ background-color: rgb(255,  
156, 124) }
```

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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