

Converting Colors

Yxy(57.5179, 0.4792, 0.3585)

Have a look what the booklet for
Yxy(57.5179, 0.4792, 0.3585)
contains.

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Color

Yxy(47.5115, 0.4406, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F7C
RGB	255, 159, 124
RGB Percent	100%, 62%, 49%
CMY	0.0000, 0.3765, 0.5137
CMYK	0.00, 0.38, 0.51, 0.00
HSL	16°, 100%, 74%
HSV	16°, 51%, 100%
XYZ	57.2895, 47.5115, 25.2250
YIQ	183.7140, 68.4510, 9.4670

Conversions

Conversions Part 2

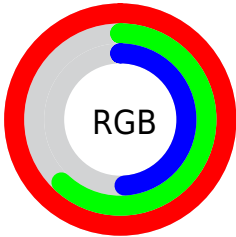
Format	Color
R _Y B	255, 172, 124
Decimal	16752508
CIE Lab	74.52, 32.21, 33.23
CIE LCh	75, 46.273, 45.895
Yxy	47.5115, 0.4406, 0.3654
Android (android.graphics.Color)	4294942588 (0xFFFF9F7C)
YUV	183.7140, -29.4390, 62.5178
Hunter-Lab	68.9286, 27.7339, 26.5523

Details

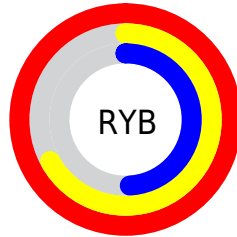
The Yxy color **47.5115, 0.4406, 0.3654** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **62.7117, 0.2377, 0.2868**, and the grayscale version is **47.8975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5275, 0.3708, 0.3673**, and **22.4182, 0.4758, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **40.9920, 0.4778, 0.3703**, and if you desaturate by 10%, it is **55.1577, 0.4070, 0.3588**.

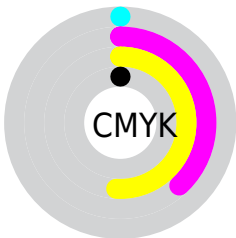
Distribution



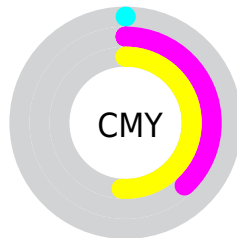
- Red (100%)
- Green (62%)
- Blue (49%)



- Red (100%)
- Yellow (67%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5115, 0.4406, 0.3654 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 47.5115, 0.4406, 0.3654 by changing the saturation by 10% instead.


 47.5115, 0.4406,
0.3654


 47.5115, 0.4406,
0.3654


376.8525, 0.3767,
0.3509

 33.4402, 0.4561,
0.3677


 86.4766, 0.4176,
0.3611

 22.4639, 0.4756,
0.3699


 112.1392, 0.4089,
0.3592

 14.1981, 0.5006,
0.3714


 142.4344, 0.4015,
0.3575

 8.2586, 0.5334,
0.3710

177.7466, 0.3952,
0.3559

 4.2609, 0.5790,
0.3666

218.4600, 0.3896,
0.3545

 1.8205, 0.6471,
0.3529

264.9593, 0.3848,

 0.4999, 0.7275,

0.3532

0.2725

317.6286, 0.3805,
0.3520

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.5115, 0.4406,
0.3654

47.5115, 0.4406,
0.3654

40.9920, 0.4778,
0.3703

55.1577, 0.4070,
0.3588

35.5609, 0.5169,
0.3724

64.0015, 0.3778,
0.3515

31.1503, 0.5544,
0.3706

74.0859, 0.3531,
0.3440

27.6910, 0.5863,
0.3643

85.4573, 0.3322,
0.3367

■ 25.4025, 0.6072,
0.3561

■ 98.1594, 0.3149,
0.3299

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.



47.5115, 0.4161, 0.3166



47.5115, 0.4406, 0.3654



47.5115, 0.4262, 0.4117

Triad

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



47.5115, 0.4406, 0.3654



47.5115, 0.2606, 0.3955



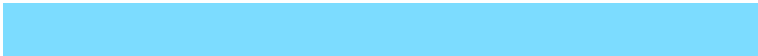
47.5115, 0.2401, 0.2295

Complementary

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



47.5115, 0.4406, 0.3654



62.7117, 0.2377, 0.2868

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.



47.5115, 0.2075, 0.2384



47.5115, 0.4406, 0.3654



47.5115, 0.2176, 0.3293

Square

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



47.5115, 0.4406, 0.3654



47.5115, 0.3203, 0.4401



47.5115, 0.1996, 0.2720



47.5115, 0.2944, 0.2424

Rectangle

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



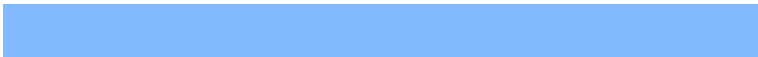
47.5115, 0.4406, 0.3654



47.5115, 0.3987, 0.4352



47.5115, 0.1996, 0.2720



47.5115, 0.2266, 0.2299

Sweetspot

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



47.5053, 0.4406, 0.3654



81.1732, 0.3394, 0.3393



40.8506, 0.3515, 0.2339



16.8595, 0.3437, 0.3408



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.



47.5053, 0.4406, 0.3654



40.6161, 0.4803, 0.3706



76.2623, 0.4027, 0.4286



18.7756, 0.3288, 0.3354



13.4809, 0.6043, 0.3583



1.4831, 0.5824, 0.3757

Inverse Universe

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



62.7117, 0.2377, 0.2868



57.2427, 0.2255, 0.2763



34.8093, 0.2208, 0.2022



19.6128, 0.2980, 0.3225



22.5869, 0.1999, 0.2397



2.3791, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 47.5115, 0.4406, 0.3654 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 47.5115, 0.4406, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

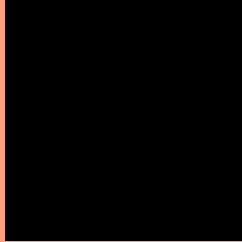
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5115, 0.4406, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 47.5115, 0.4406, 0.3654.



This preview shows how white text looks on a background with the Yxy color 47.5115, 0.4406, 0.3654.

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

47.5115, 0.4406, 0.3654

Protanopia

47.8725, 0.3651, 0.3931

Deuteranopia

47.8033, 0.4021, 0.3940



Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.5115, 0.4406, 0.3654

Protanomaly

47.1771, 0.3920, 0.3831

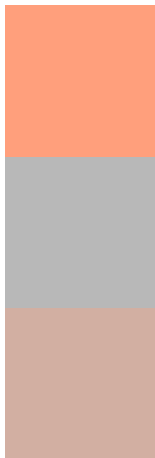
Deuteranomaly

47.4782, 0.4158, 0.3834

Tritanomaly

47.2713, 0.4155, 0.3346

Monochromacy



Original Color

47.5115, 0.4406, 0.3654

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.9702, 0.3559, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5115, 0.4406, 0.3654 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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, 159, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 124) }
```

Border

The CSS property to change the border of an element to Yxy 47.5115, 0.4406, 0.3654 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, 124) }
```

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

```
.border{ border-color:rgb(255, 159, 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, 159, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 159, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 159, 124); box-shadow:4px 4px 4px 4px rgb(255, 159, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5115, 0.4406, 0.3654 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, 124) }
```

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

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