

Converting Colors

$Y_{xy}(40.4730, 0.4502, 0.3440)$

Have a look what the booklet for
Yxy(40.4730, 0.4502, 0.3440)
contains.

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Color

Yxy(40.3276, 0.4509, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	FC8A7C
RGB	252, 138, 124
RGB Percent	99%, 54%, 49%
CMY	0.0117, 0.4588, 0.5138
CMYK	0.00, 0.45, 0.51, 0.01
HSL	7°, 96%, 74%
HSV	7°, 51%, 99%
XYZ	52.8750, 40.3276, 24.0629
YIQ	170.4900, 72.4380, 19.8140

Conversions

Conversions Part 2

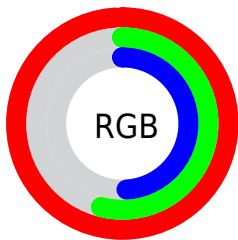
Format	Color
R _Y B	252, 140, 124
Decimal	16550524
CIE Lab	69.70, 41.81, 26.84
CIE LCh	70, 49.689, 32.700
Yxy	40.3276, 0.4509, 0.3439
Android (android.graphics.Color)	4294740604 (0xFFFC8A7C)
YUV	170.4900, -22.9196, 71.4843
Hunter-Lab	63.5040, 37.4915, 21.9867

Details

The Yxy color **40.3276, 0.4509, 0.3439** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.4675, 0.2433, 0.3123**, and the grayscale version is **40.5460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5743, 0.3773, 0.3459**, and **18.0814, 0.4919, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **33.9832, 0.4942, 0.3456**, and if you desaturate by 10%, it is **48.1696, 0.4126, 0.3413**.

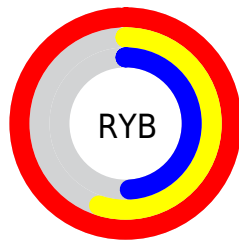
Distribution



Red (99%)

Green (54%)

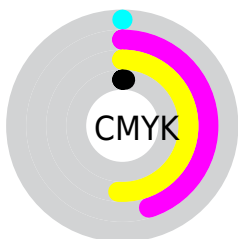
Blue (49%)



Red (99%)

Yellow (55%)

Blue (49%)

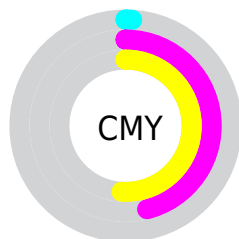


Cyan (0%)

Magenta (45%)

Yellow (51%)

Black (1%)



Cyan (1%)


Magenta (46%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3276, 0.4509, 0.3439 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 40.3276, 0.4509, 0.3439 by changing the saturation by 10% instead.


 40.3276, 0.4509,
0.3439


 40.3276, 0.4509,
0.3439


347.5024, 0.3797,
0.3400

 27.7941, 0.4689,
0.3436


 75.6621, 0.4248,
0.3434

 18.1705, 0.4920,
0.3424


 99.2319, 0.4150,
0.3429

 11.0725, 0.5223,
0.3395


 127.2492, 0.4068,
0.3424

 6.1156, 0.5634,
0.3327

160.0984, 0.3998,
0.3419

 2.9155, 0.6254,
0.3199

198.1639, 0.3937,
0.3414

 1.0878, 0.7130,
0.2870

241.8302, 0.3885,

 0.0000, 1.0000,

0.3409

0.0000

291.4816, 0.3838,
0.3405

0.0000, 0.0000,
0.0000

40.3276, 0.4509,
0.3439

40.3276, 0.4509,
0.3439

33.9832, 0.4942,
0.3456

48.1696, 0.4126,
0.3413

29.0351, 0.5395,
0.3458

57.5899, 0.3802,
0.3382

25.3788, 0.5818,
0.3440

68.6707, 0.3535,
0.3351

22.8928, 0.6145,
0.3400

81.4867, 0.3317,
0.3320

21.5085, 0.6329,
0.3357

96.1081, 0.3140,
0.3292

99.4382, 0.3109,
0.3290

Harmonies

Analogous

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



40.3276, 0.4050, 0.2919



40.3276, 0.4509, 0.3439



40.3276, 0.4527, 0.3980

Triad

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



40.3276, 0.4509, 0.3439



40.3276, 0.2812, 0.4334



40.3276, 0.2122, 0.2191

Complementary

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



40.3276, 0.4509, 0.3439



72.4675, 0.2433, 0.3123

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.



40.3276, 0.1883, 0.2398



40.3276, 0.4509, 0.3439



40.3276, 0.2235, 0.3626

Square

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



40.3276, 0.4509, 0.3439



40.3276, 0.3510, 0.4631



40.3276, 0.1916, 0.2891



40.3276, 0.2623, 0.2236

Rectangle

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



40.3276, 0.4509, 0.3439



40.3276, 0.4306, 0.4306



40.3276, 0.1916, 0.2891



40.3276, 0.2013, 0.2230

Sweetspot

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



40.3297, 0.4509, 0.3439



77.9352, 0.3403, 0.3333



41.3560, 0.3300, 0.2167



16.0893, 0.3449, 0.3339



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.



40.3297, 0.4509, 0.3439



34.7685, 0.4952, 0.3457



63.8359, 0.4131, 0.4080



17.5307, 0.3291, 0.3317



11.3039, 0.6312, 0.3370



1.1438, 0.6149, 0.3500

Inverse Universe

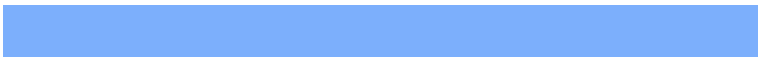
The Inverse Universe completely reimagines the original color for something new.



72.4675, 0.2433, 0.3123



71.0366, 0.2336, 0.3084



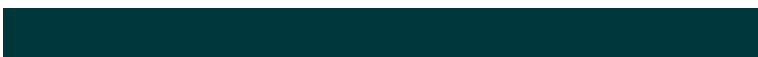
42.0519, 0.2275, 0.2319



19.2651, 0.2980, 0.3263



31.6867, 0.2151, 0.2942



3.0246, 0.2163, 0.2987

Previews

White Background



This preview shows how the Yxy color 40.3276, 0.4509, 0.3439 looks on a white background.

Color Contrast Check

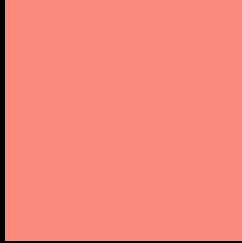
Large Text (above 18pt) WCAG AA × Fail

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 40.3276, 0.4509, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

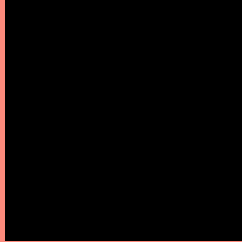
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3276, 0.4509, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 40.3276, 0.4509, 0.3439.



This preview shows how white text looks on a background with the Yxy color 40.3276, 0.4509, 0.3439.

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

40.3276, 0.4509, 0.3439

Protanopia

40.4373, 0.3503, 0.3718

Deuteranopia

40.2228, 0.3935, 0.3855



Tritanopia

40.4431, 0.4310, 0.3189

Trichromacy



Original Color

40.3276, 0.4509, 0.3439

Protanomaly

39.4403, 0.3855, 0.3597

Deuteranomaly

39.8638, 0.4146, 0.3687

Tritanomaly

40.2971, 0.4386, 0.3283

Monochromacy



Original Color

40.3276, 0.4509, 0.3439

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0330, 0.3594, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3276, 0.4509, 0.3439 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(252, 138, 124)` looks like.

```
.text, #text, p{  
    color:rgb(252, 138, 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(252, 138, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 138, 124) }
```

Border

The CSS property to change the border of an element to Yxy 40.3276, 0.4509, 0.3439 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(252, 138, 124) }
```

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

```
.border{ border-color:rgb(252, 138, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 138, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 138, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 138, 124);  
box-shadow:4px 4px 4px 4px rgb(252, 138,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3276, 0.4509, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 138, 124) }
```

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

```
.background{ background-color: rgb(252,  
138, 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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