

Converting Colors

$Y_{xy}(52.7611, 0.4584, 0.3525)$

Have a look what the booklet for
Yxy(52.7611, 0.4584, 0.3525)
contains.

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Color

Yxy(47.0399, 0.4341, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	FF9D84
RGB	255, 157, 132
RGB Percent	100%, 62%, 52%
CMY	0.0000, 0.3844, 0.4823
CMYK	0.00, 0.38, 0.48, 0.00
HSL	12°, 100%, 76%
HSV	12°, 48%, 100%
XYZ	57.4726, 47.0399, 27.8824
YIQ	183.4520, 66.4330, 13.0010

Conversions

Conversions Part 2

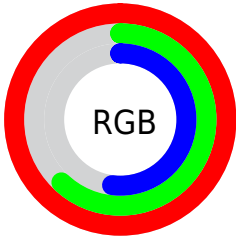
Format	Color
R_{YB}	255, 163, 132
Decimal	16752004
CIE _{Lab}	74.22, 33.95, 28.54
CIE _{LCh}	74, 44.352, 40.051
Yxy	47.0399, 0.4341, 0.3553
Android (android.graphics.Color)	4294942084 (0xFFFF9D84)
YUV	183.4520, -25.3658, 62.7476
Hunter-Lab	68.5856, 29.5525, 23.9066

Details

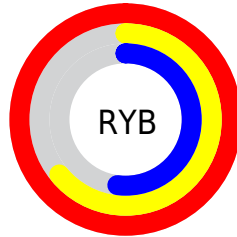
The Yxy color **47.0399, 0.4341, 0.3553** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.7320, 0.2434, 0.2994**, and the grayscale version is **47.7243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8497, 0.3654, 0.3570**, and **22.1119, 0.4688, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **40.1071, 0.4728, 0.3594**, and if you desaturate by 10%, it is **55.2772, 0.4000, 0.3501**.

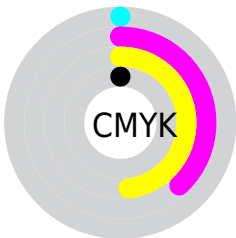
Distribution



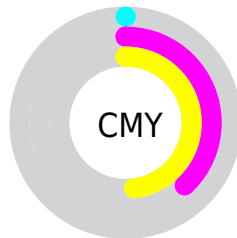
- Red (100%)
- Green (62%)
- Blue (52%)



- Red (100%)
- Yellow (64%)
- Blue (52%)



- Cyan (0%)
- Magenta (38%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0399, 0.4341, 0.3553 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 47.0399, 0.4341, 0.3553 by changing the saturation by 10% instead.


 47.0399, 0.4341,
0.3553

 47.0399, 0.4341,
0.3553

374.9738, 0.3731,
0.3453

 33.0672, 0.4491,
0.3567


 85.7732, 0.4121,
0.3524

 22.1779, 0.4681,
0.3580


 111.3025, 0.4037,
0.3511

 13.9877, 0.4927,
0.3585


 141.4529, 0.3967,
0.3499

 8.1121, 0.5256,
0.3572

176.6087, 0.3906,
0.3488

 4.1668, 0.5709,
0.3512

217.1543, 0.3854,
0.3478

 1.7673, 0.6557,
0.3443

263.4741, 0.3808,

 0.4667, 0.7431,

0.3469

0.2569

315.9524, 0.3767,
0.3461

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.0399, 0.4341,
0.3553

47.0399, 0.4341,
0.3553

40.1071, 0.4728,
0.3594

55.2772, 0.4000,
0.3501

34.4241, 0.5144,
0.3613

64.8974, 0.3709,
0.3444

29.9103, 0.5554,
0.3601

75.9555, 0.3467,
0.3387

26.4814, 0.5908,
0.3553

88.5077, 0.3266,
0.3332

■ 24.0383, 0.6162,
0.3473

100.0000, 0.3127,
0.3290

■ 23.6970, 0.6199,
0.3460

Harmonies

Analogous

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



47.0399, 0.4034, 0.3084



47.0399, 0.4341, 0.3553



47.0399, 0.4276, 0.4012

Triad

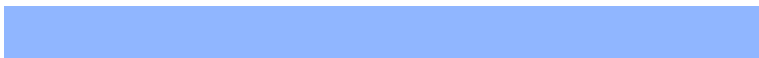
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.0399, 0.4341, 0.3553



47.0399, 0.2730, 0.4037



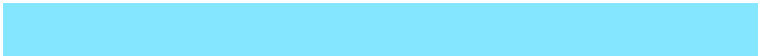
47.0399, 0.2347, 0.2328

Complementary

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



47.0399, 0.4341, 0.3553



68.7320, 0.2434, 0.2994

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.



47.0399, 0.2076, 0.2461



47.0399, 0.4341, 0.3553



47.0399, 0.2273, 0.3419

Square

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



47.0399, 0.4341, 0.3553



47.0399, 0.3322, 0.4393



47.0399, 0.2049, 0.2835



47.0399, 0.2836, 0.2413

Rectangle

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



47.0399, 0.4341, 0.3553



47.0399, 0.4047, 0.4259



47.0399, 0.2049, 0.2835



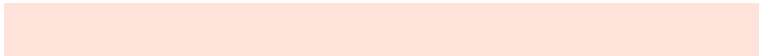
47.0399, 0.2231, 0.2346

Sweetspot

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



47.0351, 0.4341, 0.3553



81.0827, 0.3377, 0.3363



43.5002, 0.3404, 0.2320



16.7884, 0.3422, 0.3375



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.



47.0351, 0.4341, 0.3553



40.2537, 0.4718, 0.3593



73.1220, 0.4009, 0.4158



18.5844, 0.3289, 0.3339



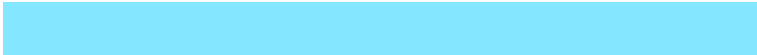
12.5494, 0.6174, 0.3479



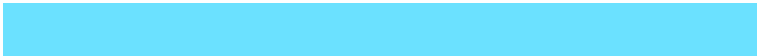
1.3681, 0.5968, 0.3643

Inverse Universe

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



68.7320, 0.2434, 0.2994



64.1828, 0.2325, 0.2924



40.4667, 0.2288, 0.2218



19.8179, 0.2980, 0.3241



26.3624, 0.2062, 0.2623



2.7178, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 47.0399, 0.4341, 0.3553 looks on a white background.

Color Contrast Check

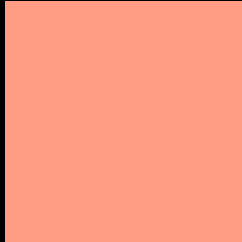
Large Text (above 18pt) WCAG AA × Fail

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 47.0399, 0.4341, 0.3553 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 47.0399, 0.4341, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 47.0399, 0.4341, 0.3553.



This preview shows how white text looks on a background with the Yxy color 47.0399, 0.4341, 0.3553.

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

47.0399, 0.4341, 0.3553

Protanopia

47.4522, 0.3562, 0.3807

Deuteranopia

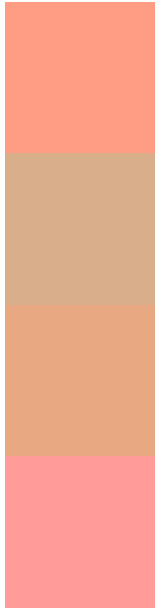
47.1503, 0.3929, 0.3843



Tritanopia

47.0878, 0.4020, 0.3177

Trichromacy



Original Color

47.0399, 0.4341, 0.3553

Protanomaly

46.8879, 0.3835, 0.3715

Deuteranomaly

46.6059, 0.4078, 0.3728

Tritanomaly

47.0026, 0.4140, 0.3314

Monochromacy



Original Color

47.0399, 0.4341, 0.3553

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.5077, 0.3534, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0399, 0.4341, 0.3553 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, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 132)  
}
```

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, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 132) }
```

Border

The CSS property to change the border of an element to Yxy 47.0399, 0.4341, 0.3553 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, 157, 132) }
```

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

```
.border{ border-color:rgb(255, 157, 132) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0399, 0.4341, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 132) }
```

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

```
.background{ background-color: rgb(255,  
157, 132) }
```

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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