

Converting Colors

$Yxy(66.6599, 0.4734, 0.3409)$

Have a look what the booklet for
Yxy(66.6599, 0.4734, 0.3409)
contains.

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Color

Yxy(49.6243, 0.4143, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	FFA395
RGB	255, 163, 149
RGB Percent	100%, 64%, 58%
CMY	0.0000, 0.3608, 0.4156
CMYK	0.00, 0.36, 0.42, 0.00
HSL	8°, 100%, 79%
HSV	8°, 42%, 100%
XYZ	59.7655, 49.6243, 34.8668
YIQ	188.9120, 59.3260, 15.1500

Conversions

Conversions Part 2

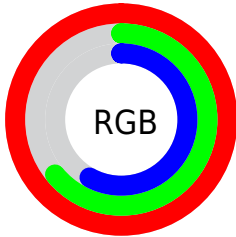
Format	Color
R _Y B	255, 165, 149
Decimal	16753557
CIE Lab	75.84, 32.50, 21.51
CIE LCh	76, 38.978, 33.497
Yxy	49.6243, 0.4143, 0.3440
Android (android.graphics.Color)	4294943637 (0xFFFFA395)
YUV	188.9120, -19.6766, 57.9592
Hunter-Lab	70.4445, 28.1626, 19.9653

Details

The Yxy color **49.6243, 0.4143, 0.3440** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.5284, 0.2531, 0.3129**, and the grayscale version is **50.9251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2348, 0.3504, 0.3454**, and **23.7695, 0.4437, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **41.7131, 0.4523, 0.3471**, and if you desaturate by 10%, it is **59.0904, 0.3819, 0.3404**.

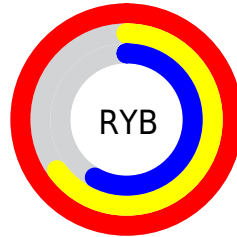
Distribution



Red (100%)

Green (64%)

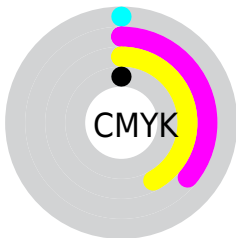
Blue (58%)



Red (100%)

Yellow (65%)

Blue (58%)

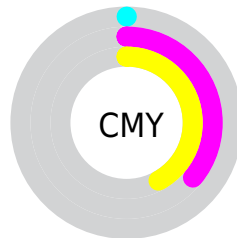


Cyan (0%)

Magenta (36%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6243, 0.4143, 0.3440 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 49.6243, 0.4143, 0.3440 by changing the saturation by 10% instead.


 49.6243, 0.4143,
0.3440


 49.6243, 0.4143,
0.3440


385.1949, 0.3635,
0.3386

 35.1150, 0.4268,
0.3447


 89.6180, 0.3959,
0.3425

 23.7515, 0.4427,
0.3452


 115.8711, 0.3890,
0.3418

 15.1493, 0.4635,
0.3453


146.8076, 0.3832,
0.3412

 8.9243, 0.4917,
0.3442

182.8119, 0.3781,
0.3406

 4.6918, 0.5317,
0.3403

224.2684, 0.3737,
0.3400

 2.0676, 0.6006,
0.3340

271.5615, 0.3699,

 0.6463, 0.7049,

0.3395

0.2951

325.0755, 0.3665,
0.3390

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.6243, 0.4143,
0.3440

49.6243, 0.4143,
0.3440

41.7131, 0.4523,
0.3471

59.0904, 0.3819,
0.3404

35.2718, 0.4951,
0.3492

70.1870, 0.3551,
0.3366

30.2096, 0.5397,
0.3494

82.9867, 0.3331,
0.3329

26.4248, 0.5811,
0.3472

97.5572, 0.3152,
0.3295

■ 23.8014, 0.6132,
0.3424

100.0000, 0.3127,
0.3290

■ 22.3844, 0.6305,
0.3376

Harmonies

Analogous

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



49.6243, 0.3816, 0.3031



49.6243, 0.4143, 0.3440



49.6243, 0.4163, 0.3850

Triad

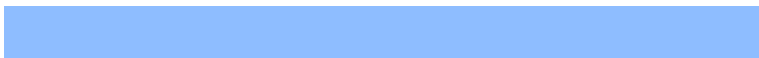
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.6243, 0.4143, 0.3440



49.6243, 0.2896, 0.4018



49.6243, 0.2376, 0.2456

Complementary

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



49.6243, 0.4143, 0.3440



76.5284, 0.2531, 0.3129

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.



49.6243, 0.2181, 0.2625



49.6243, 0.4143, 0.3440



49.6243, 0.2458, 0.3527

Square

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



49.6243, 0.4143, 0.3440



49.6243, 0.3420, 0.4255



49.6243, 0.2207, 0.3002



49.6243, 0.2771, 0.2487

Rectangle

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



49.6243, 0.4143, 0.3440



49.6243, 0.4007, 0.4078



49.6243, 0.2207, 0.3002



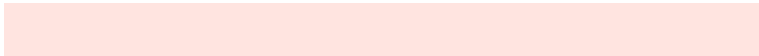
49.6243, 0.2287, 0.2489

Sweetspot

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



49.6248, 0.4143, 0.3440



82.3919, 0.3340, 0.3331



49.2078, 0.3279, 0.2369



17.2583, 0.3366, 0.3336



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.



49.6248, 0.4143, 0.3440



42.8511, 0.4460, 0.3467



71.7117, 0.3911, 0.3961



18.3733, 0.3291, 0.3322



11.8144, 0.6286, 0.3391



1.2643, 0.6112, 0.3529

Inverse Universe

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



76.5284, 0.2531, 0.3129



73.0203, 0.2435, 0.3092



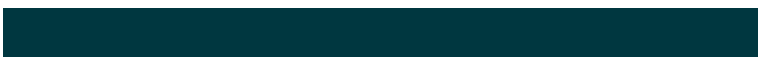
50.2823, 0.2429, 0.2504



20.0483, 0.2980, 0.3258



31.0484, 0.2130, 0.2866



3.1318, 0.2144, 0.2919

Previews

White Background



This preview shows how the Yxy color 49.6243, 0.4143, 0.3440 looks on a white background.

Color Contrast Check

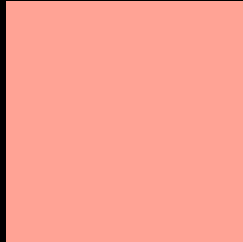
Large Text (above 18pt) WCAG AA × Fail

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 49.6243, 0.4143, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

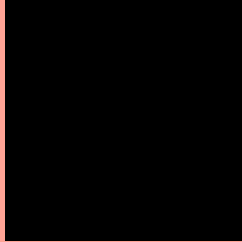
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6243, 0.4143, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 49.6243, 0.4143, 0.3440.



This preview shows how white text looks on a background with the Yxy color 49.6243, 0.4143, 0.3440.

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

49.6243, 0.4143, 0.3440

Protanopia

49.9842, 0.3420, 0.3620

Deuteranopia

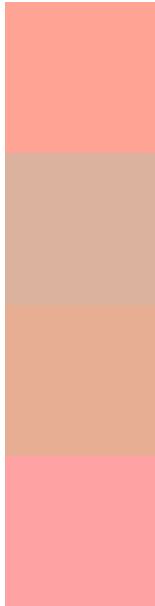
49.7779, 0.3768, 0.3697



Tritanopia

49.7283, 0.3924, 0.3177

Trichromacy



Original Color

49.6243, 0.4143, 0.3440

Protanomaly

49.1805, 0.3668, 0.3543

Deuteranomaly

49.5345, 0.3903, 0.3601

Tritanomaly

49.7810, 0.4000, 0.3272

Monochromacy



Original Color

49.6243, 0.4143, 0.3440

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8446, 0.3468, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6243, 0.4143, 0.3440 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, 163, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 149)  
}
```

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, 163, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 149) }
```

Border

The CSS property to change the border of an element to Yxy 49.6243, 0.4143, 0.3440 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, 163, 149) }
```

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

```
.border{ border-color:rgb(255, 163, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6243, 0.4143, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 149) }
```

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

```
.background{ background-color: rgb(255,  
163, 149) }
```

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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