

Converting Colors

$Y_{xy}(54.4223, 0.4390, 0.3485)$

Have a look what the booklet for
Yxy(54.4223, 0.4390, 0.3485)
contains.

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Color

Yxy(49.8245, 0.4187, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	FFA490
RGB	255, 164, 144
RGB Percent	100%, 64%, 56%
CMY	0.0000, 0.3569, 0.4354
CMYK	0.00, 0.36, 0.44, 0.00
HSL	11°, 100%, 78%
HSV	11°, 44%, 100%
XYZ	59.5533, 49.8245, 32.8560
YIQ	188.9290, 60.6560, 13.0720

Conversions

Conversions Part 2

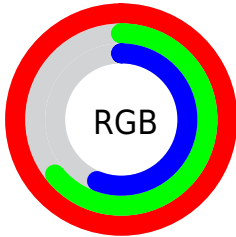
Format	Color
R _Y B	255, 168, 144
Decimal	16753808
CIE Lab	75.96, 31.47, 24.41
CIE LCh	76, 39.822, 37.800
Yxy	49.8245, 0.4187, 0.3503
Android (android.graphics.Color)	4294943888 (0xFFFFFA490)
YUV	188.9290, -22.1500, 57.9443
Hunter-Lab	70.5865, 27.0728, 21.8127

Details

The Yxy color **49.8245, 0.4187, 0.3503** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.5546, 0.2497, 0.3058**, and the grayscale version is **50.9467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5236, 0.3538, 0.3515**, and **23.7613, 0.4484, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **42.2534, 0.4561, 0.3544**, and if you desaturate by 10%, it is **58.7992, 0.3864, 0.3454**.

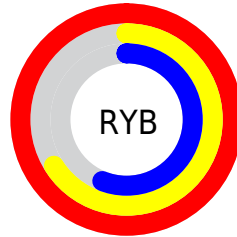
Distribution



Red (100%)

Green (64%)

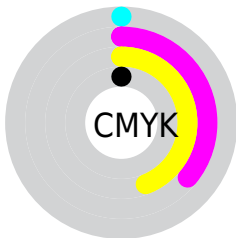
Blue (56%)



Red (100%)

Yellow (66%)

Blue (56%)

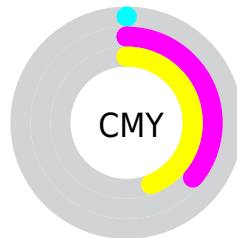


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8245, 0.4187, 0.3503 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 49.8245, 0.4187, 0.3503 by changing the saturation by 10% instead.

 49.8245, 0.4187,
0.3503

 49.8245, 0.4187,
0.3503


385.9792, 0.3658,
0.3421

 35.2740, 0.4317,
0.3516


 89.9148, 0.3996,
0.3479

 23.8740, 0.4481,
0.3528


 116.2233, 0.3924,
0.3468

 15.2402, 0.4695,
0.3537


147.2200, 0.3863,
0.3458

 8.9881, 0.4983,
0.3534

183.2892, 0.3810,
0.3449

 4.7334, 0.5387,
0.3503

224.8154, 0.3765,
0.3441

 2.0917, 0.6148,
0.3489

272.1828, 0.3725,

 0.6600, 0.6980,

0.3434

0.3020

325.7760, 0.3690,
0.3427

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.8245, 0.4187,
0.3503

49.8245, 0.4187,
0.3503

42.2534, 0.4561,
0.3544

58.7992, 0.3864,
0.3454

36.0168, 0.4976,
0.3571

69.2473, 0.3593,
0.3403

31.0352, 0.5404,
0.3572

81.2301, 0.3369,
0.3353

27.2216, 0.5796,
0.3541

94.8066, 0.3184,
0.3306

■ 24.4771, 0.6100,
0.3478

100.0000, 0.3127,
0.3290

■ 23.2122, 0.6237,
0.3430

Harmonies

Analogous

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



49.8245, 0.3894, 0.3082



49.8245, 0.4187, 0.3503



49.8245, 0.4160, 0.3914

Triad

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



49.8245, 0.4187, 0.3503



49.8245, 0.2818, 0.3974



49.8245, 0.2408, 0.2433

Complementary

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



49.8245, 0.4187, 0.3503



72.5546, 0.2497, 0.3058

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.



49.8245, 0.2178, 0.2574



49.8245, 0.4187, 0.3503



49.8245, 0.2395, 0.3451

Square

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



49.8245, 0.4187, 0.3503



49.8245, 0.3348, 0.4262



49.8245, 0.2172, 0.2929



49.8245, 0.2835, 0.2493

Rectangle

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



49.8245, 0.4187, 0.3503



49.8245, 0.3975, 0.4134



49.8245, 0.2172, 0.2929



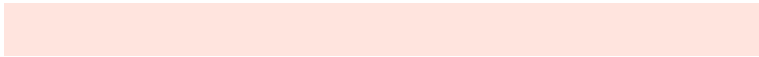
49.8245, 0.2308, 0.2456

Sweetspot

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



49.8235, 0.4187, 0.3503



81.9176, 0.3358, 0.3350



47.2861, 0.3337, 0.2375



16.9347, 0.3403, 0.3361



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.



49.8235, 0.4187, 0.3503



43.3280, 0.4501, 0.3539



73.4127, 0.3930, 0.4044



18.5165, 0.3290, 0.3334



12.2807, 0.6214, 0.3448



1.3325, 0.6016, 0.3605

Inverse Universe

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



72.5546, 0.2497, 0.3058



68.5901, 0.2398, 0.3005



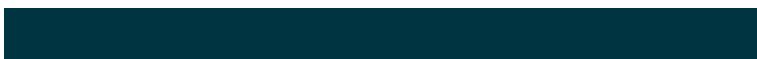
46.1905, 0.2383, 0.2389



19.8915, 0.2980, 0.3246



27.8078, 0.2084, 0.2702



2.8462, 0.2105, 0.2776

Previews

White Background



This preview shows how the Yxy color 49.8245, 0.4187, 0.3503 looks on a white background.

Color Contrast Check

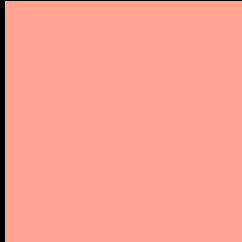
Large Text (above 18pt) WCAG AA × Fail

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 49.8245, 0.4187, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

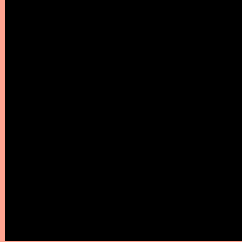
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8245, 0.4187, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 49.8245, 0.4187, 0.3503.



This preview shows how white text looks on a background with the Yxy color 49.8245, 0.4187, 0.3503.

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

49.8245, 0.4187, 0.3503

Protanopia

49.9130, 0.3478, 0.3696

Deuteranopia

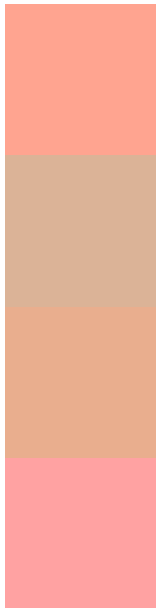
49.9378, 0.3830, 0.3754



Tritanopia

49.7669, 0.3914, 0.3166

Trichromacy



Original Color

49.8245, 0.4187, 0.3503

Protanomaly

49.5346, 0.3727, 0.3626

Deuteranomaly

49.5487, 0.3957, 0.3657

Tritanomaly

49.7093, 0.4019, 0.3293

Monochromacy



Original Color

49.8245, 0.4187, 0.3503

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8058, 0.3477, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8245, 0.4187, 0.3503 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, 164, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 144)  
}
```

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, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 144) }
```

Border

The CSS property to change the border of an element to Yxy 49.8245, 0.4187, 0.3503 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, 164, 144) }
```

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

```
.border{ border-color:rgb(255, 164, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8245, 0.4187, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 144) }
```

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

```
.background{ background-color: rgb(255,  
164, 144) }
```

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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