

Converting Colors

$Y_{xy}(49.8872, 0.4300, 0.3466)$

Have a look what the booklet for
Yxy(49.8872, 0.4300, 0.3466)
contains.

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Color

Yxy(48.3546, 0.4226, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	FFA08E
RGB	255, 160, 142
RGB Percent	100%, 63%, 56%
CMY	0.0001, 0.3725, 0.4432
CMYK	0.00, 0.37, 0.44, 0.00
HSL	10°, 100%, 78%
HSV	10°, 44%, 100%
XYZ	58.6865, 48.3546, 31.8290
YIQ	186.3530, 62.3980, 14.5420

Conversions

Conversions Part 2

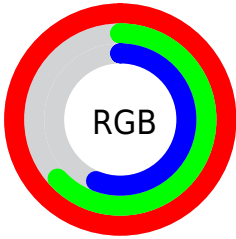
Format	Color
R _Y B	255, 163, 142
Decimal	16752782
CIE Lab	75.05, 33.32, 24.24
CIE LCh	75, 41.204, 36.044
Yxy	48.3546, 0.4226, 0.3482
Android (android.graphics.Color)	4294942862 (0xFFFFA08E)
YUV	186.3530, -21.8660, 60.2034
Hunter-Lab	69.5375, 28.9555, 21.5377

Details

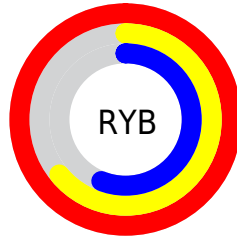
The Yxy color **48.3546, 0.4226, 0.3482** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.5091, 0.2492, 0.3081**, and the grayscale version is **49.4116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3573, 0.3562, 0.3496**, and **22.8902, 0.4529, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **40.8750, 0.4611, 0.3518**, and if you desaturate by 10%, it is **57.2949, 0.3894, 0.3439**.

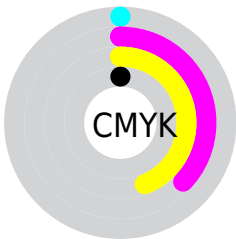
Distribution



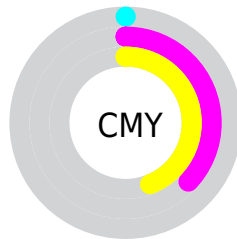
- Red (100%)
- Green (63%)
- Blue (56%)



- Red (100%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3546, 0.4226, 0.3482 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 48.3546, 0.4226, 0.3482 by changing the saturation by 10% instead.

 48.3546, 0.4226,
0.3482


 48.3546, 0.4226,
0.3482


380.1960, 0.3675,
0.3411


 34.1078, 0.4362,
0.3492


 87.7321, 0.4027,
0.3462

 22.9764, 0.4534,
0.3500


 113.6316, 0.3952,
0.3453

 14.5761, 0.4760,
0.3502


 144.1842, 0.3888,
0.3444

 8.5224, 0.5064,
0.3490

179.7741, 0.3833,
0.3436

 4.4310, 0.5491,
0.3443

220.7859, 0.3786,
0.3429

 1.9175, 0.6355,
0.3432

267.6038, 0.3744,

 0.5588, 0.7220,

0.3423

0.2780

320.6124, 0.3708,
0.3416

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.3546, 0.4226,
0.3482

48.3546, 0.4226,
0.3482

40.8750, 0.4611,
0.3518

57.2949, 0.3894,
0.3439

34.7709, 0.5037,
0.3538

67.7605, 0.3615,
0.3394

29.9598, 0.5471,
0.3536

79.8209, 0.3386,
0.3349

26.3466, 0.5862,
0.3504

93.5393, 0.3197,
0.3307

■ 23.8231, 0.6154,
0.3443

99.9955, 0.3127,
0.3290

■ 22.8193, 0.6269,
0.3405

Harmonies

Analogous

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



48.3546, 0.3902, 0.3047



48.3546, 0.4226, 0.3482



48.3546, 0.4216, 0.3913

Triad

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



48.3546, 0.4226, 0.3482



48.3546, 0.2833, 0.4034



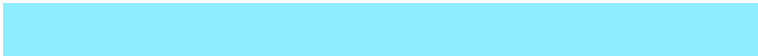
48.3546, 0.2358, 0.2401

Complementary

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



48.3546, 0.4226, 0.3482



73.5091, 0.2492, 0.3081

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.



48.3546, 0.2133, 0.2558



48.3546, 0.4226, 0.3482



48.3546, 0.2384, 0.3491

Square

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



48.3546, 0.4226, 0.3482



48.3546, 0.3388, 0.4315



48.3546, 0.2140, 0.2938



48.3546, 0.2790, 0.2453

Rectangle

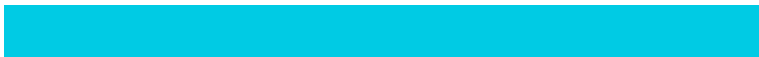
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.3546, 0.4226, 0.3482



48.3546, 0.4032, 0.4151



48.3546, 0.2140, 0.2938



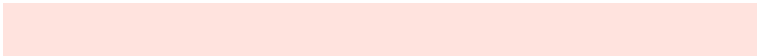
48.3546, 0.2258, 0.2429

Sweetspot

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



48.3570, 0.4226, 0.3482



81.5400, 0.3359, 0.3344



46.7749, 0.3324, 0.2344



16.8427, 0.3404, 0.3353



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.



48.3570, 0.4226, 0.3482



41.7839, 0.4558, 0.3514



72.0301, 0.3955, 0.4039



18.4549, 0.3290, 0.3329



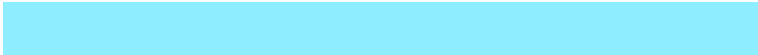
12.0635, 0.6247, 0.3422



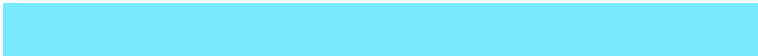
1.3024, 0.6058, 0.3572

Inverse Universe

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



73.5091, 0.2492, 0.3081



69.7286, 0.2394, 0.3033



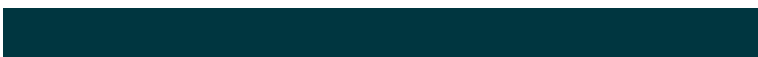
46.2361, 0.2373, 0.2394



19.9588, 0.2980, 0.3251



29.1709, 0.2104, 0.2773



2.9667, 0.2122, 0.2838

Previews

White Background



This preview shows how the Yxy color 48.3546, 0.4226, 0.3482 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 48.3546, 0.4226, 0.3482 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 48.3546, 0.4226, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 48.3546, 0.4226, 0.3482.



This preview shows how white text looks on a background with the Yxy color 48.3546, 0.4226, 0.3482.

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

48.3546, 0.4226, 0.3482

Protanopia

48.7668, 0.3474, 0.3687

Deuteranopia

48.6103, 0.3828, 0.3759



Tritanopia

48.2385, 0.3968, 0.3166

Trichromacy



Original Color

48.3546, 0.4226, 0.3482

Protanomaly

48.0044, 0.3728, 0.3605

Deuteranomaly

48.0082, 0.3971, 0.3649

Tritanomaly

48.2169, 0.4066, 0.3282

Monochromacy



Original Color

48.3546, 0.4226, 0.3482

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.1954, 0.3492, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3546, 0.4226, 0.3482 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, 160, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 142)  
}
```

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, 160, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 142) }
```

Border

The CSS property to change the border of an element to Yxy 48.3546, 0.4226, 0.3482 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, 160, 142) }
```

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

```
.border{ border-color:rgb(255, 160, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3546, 0.4226, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 142) }
```

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

```
.background{ background-color: rgb(255,  
160, 142) }
```

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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