

Converting Colors

$Y_{xy}(47.3646, 0.4325, 0.3496)$

Have a look what the booklet for
Yxy(47.3646, 0.4325, 0.3496)
contains.

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Color

Yxy(46.8145, 0.4307, 0.3502)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF9C88 |
| RGB | 255, 156, 136 |
| RGB Percent | 100%, 61%, 53% |
| CMY | 0.0000, 0.3882, 0.4667 |
| CMYK | 0.00, 0.39, 0.47, 0.00 |
| HSL | 10°, 100%, 77% |
| HSV | 10°, 47%, 100% |
| XYZ | 57.5757, 46.8145, 29.2891 |
| YIQ | 183.3210, 65.4240, 14.7680 |

Conversions

Conversions Part 2

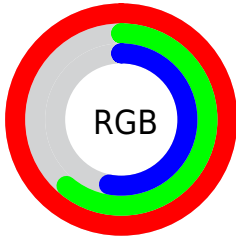
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 160, 136 |
| Decimal | 16751752 |
| CIE _{Lab} | 74.07, 34.82, 26.19 |
| CIE _{LCh} | 74, 43.573, 36.944 |
| Yxy | 46.8145, 0.4307, 0.3502 |
| Android (android.graphics.Color) | 4294941832 (0xFFFF9C88) |
| YUV | 183.3210, -23.3293, 62.8625 |
| Hunter-Lab | 68.4211, 30.4690, 22.5144 |

Details

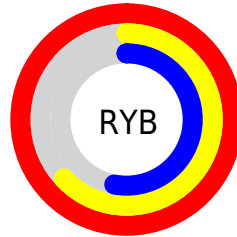
The Yxy color **46.8145, 0.4307, 0.3502** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.8632, 0.2462, 0.3055**, and the grayscale version is **47.6412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5227, 0.3626, 0.3518**, and **21.9745, 0.4644, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **39.6652, 0.4700, 0.3537**, and if you desaturate by 10%, it is **55.3786, 0.3964, 0.3458**.

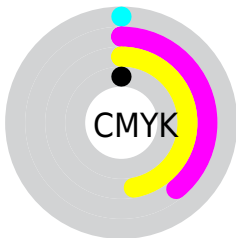
Distribution



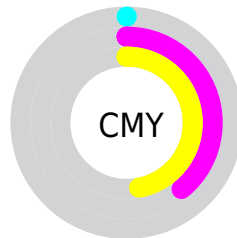
- Red (100%)
- Green (61%)
- Blue (53%)



- Red (100%)
- Yellow (63%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8145, 0.4307, 0.3502 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 46.8145, 0.4307, 0.3502 by changing the saturation by 10% instead.


 46.8145, 0.4307,
0.3502

 46.8145, 0.4307,
0.3502


374.0736, 0.3713,
0.3425


 32.8890, 0.4454,
0.3512


 85.4367, 0.4092,
0.3481

 22.0415, 0.4640,
0.3519


 110.9022, 0.4011,
0.3471

 13.8874, 0.4883,
0.3519


 140.9831, 0.3942,
0.3461

 8.0424, 0.5211,
0.3500

176.0639, 0.3883,
0.3453

 4.1221, 0.5667,
0.3437

216.5290, 0.3832,
0.3445

 1.7421, 0.6600,
0.3400

262.7627, 0.3787,

 0.4507, 0.7509,

0.3437

0.2491

315.1494, 0.3748,
0.3431

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.8145, 0.4307,
0.3502

46.8145, 0.4307,
0.3502

39.6652, 0.4700,
0.3537

55.3786, 0.3964,
0.3458

33.8547, 0.5128,
0.3554

65.4297, 0.3675,
0.3410

29.2982, 0.5554,
0.3545

77.0339, 0.3435,
0.3363

25.9011, 0.5926,
0.3505

90.2533, 0.3238,
0.3318

■ 23.5546, 0.6190,
0.3437

100.0000, 0.3127,
0.3290

■ 22.9789, 0.6256,
0.3415

Harmonies

Analogous

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



46.8145, 0.3970, 0.3043



46.8145, 0.4307, 0.3502



46.8145, 0.4281, 0.3959

Triad

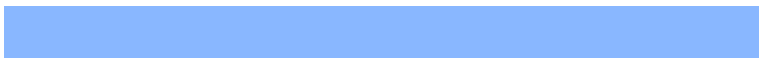
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.8145, 0.4307, 0.3502



46.8145, 0.2794, 0.4076



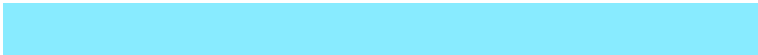
46.8145, 0.2320, 0.2345

Complementary

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



46.8145, 0.4307, 0.3502



71.8632, 0.2462, 0.3055

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.



46.8145, 0.2077, 0.2501



46.8145, 0.4307, 0.3502



46.8145, 0.2323, 0.3484

Square

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



46.8145, 0.4307, 0.3502



46.8145, 0.3382, 0.4388



46.8145, 0.2075, 0.2895



46.8145, 0.2783, 0.2407

Rectangle

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



46.8145, 0.4307, 0.3502



46.8145, 0.4076, 0.4213



46.8145, 0.2075, 0.2895



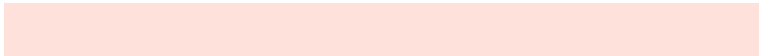
46.8145, 0.2213, 0.2371

Sweetspot

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



46.8141, 0.4307, 0.3502



80.4047, 0.3379, 0.3351



44.8726, 0.3356, 0.2314



16.6252, 0.3424, 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.



46.8141, 0.4307, 0.3502



40.1023, 0.4673, 0.3535



71.8060, 0.3996, 0.4096



18.4804, 0.3290, 0.3331



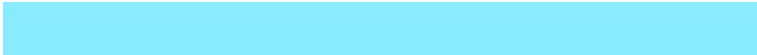
12.1504, 0.6234, 0.3432



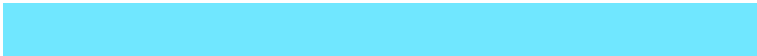
1.3146, 0.6041, 0.3586

Inverse Universe

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



71.8632, 0.2462, 0.3055



67.8232, 0.2359, 0.3000



43.3702, 0.2326, 0.2311



19.9308, 0.2980, 0.3249



28.6004, 0.2095, 0.2743



2.9163, 0.2115, 0.2812

Previews

White Background



This preview shows how the Yxy color 46.8145, 0.4307, 0.3502 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 46.8145, 0.4307, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

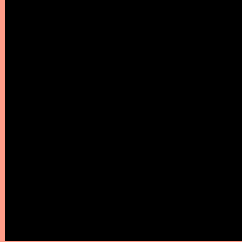
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8145, 0.4307, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 46.8145, 0.4307, 0.3502.



This preview shows how white text looks on a background with the Yxy color 46.8145, 0.4307, 0.3502.

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

46.8145, 0.4307, 0.3502

Protanopia

46.9315, 0.3504, 0.3732

Deuteranopia

46.9248, 0.3884, 0.3812



Tritanopia

46.7228, 0.4034, 0.3177

Trichromacy



Original Color

46.8145, 0.4307, 0.3502

Protanomaly

46.4997, 0.3785, 0.3644

Deuteranomaly

46.5217, 0.4041, 0.3696

Tritanomaly

46.7043, 0.4134, 0.3293

Monochromacy



Original Color

46.8145, 0.4307, 0.3502

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.1956, 0.3518, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8145, 0.4307, 0.3502 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, 156, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 136)  
}
```

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, 156, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 136) }
```

Border

The CSS property to change the border of an element to Yxy 46.8145, 0.4307, 0.3502 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, 156, 136) }
```

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

```
.border{ border-color:rgb(255, 156, 136) }
```

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

Here you see how a box with a 4 pixel rgb(255, 156, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8145, 0.4307, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 136) }
```

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

```
.background{ background-color: rgb(255,  
156, 136) }
```

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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