

Converting Colors

$Y_{xy}(46.5292, 0.4209, 0.3426)$

Have a look what the booklet for
Yxy(46.5292, 0.4209, 0.3426)
contains.

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Color

Yxy(46.4556, 0.4209, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	FC9C8F
RGB	252, 156, 143
RGB Percent	99%, 61%, 56%
CMY	0.0118, 0.3882, 0.4392
CMYK	0.00, 0.38, 0.43, 0.01
HSL	7°, 95%, 77%
HSV	7°, 43%, 99%
XYZ	56.9897, 46.4556, 31.9543
YIQ	183.2220, 61.3890, 16.3090

Conversions

Conversions Part 2

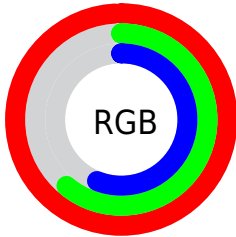
Format	Color
R _Y B	252, 158, 143
Decimal	16555151
CIE Lab	73.84, 34.38, 21.99
CIE LCh	74, 40.809, 32.602
Yxy	46.4556, 0.4209, 0.3431
Android (android.graphics.Color)	4294745231 (0xFFFC9C8F)
YUV	183.2220, -19.8294, 60.3183
Hunter-Lab	68.1583, 29.9733, 19.9142

Details

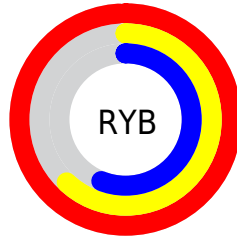
The Yxy color **46.4556, 0.4209, 0.3431** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.5975, 0.2514, 0.3138**, and the grayscale version is **47.5698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8797, 0.3566, 0.3435**, and **21.6973, 0.4513, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **38.9971, 0.4602, 0.3458**, and if you desaturate by 10%, it is **55.4510, 0.3873, 0.3398**.

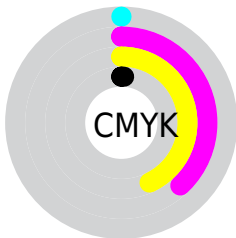
Distribution



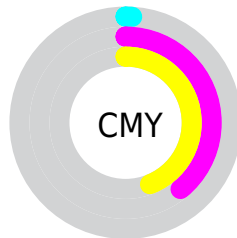
- Red (99%)
- Green (61%)
- Blue (56%)



- Red (99%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (1%)





- Cyan (1%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4556, 0.4209, 0.3431 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 46.4556, 0.4209, 0.3431 by changing the saturation by 10% instead.


 46.4556, 0.4209,
0.3431


 46.4556, 0.4209,
0.3431


372.6373, 0.3663,
0.3383

 32.6055, 0.4345,
0.3436


 84.9004, 0.4010,
0.3419

 21.8244, 0.4519,
0.3437


 110.2639, 0.3936,
0.3413

 13.7279, 0.4748,
0.3432


140.2341, 0.3873,
0.3407

 7.9317, 0.5060,
0.3410


175.1952, 0.3818,
0.3402

 4.0513, 0.5504,
0.3350

215.5316, 0.3772,
0.3396

 1.7023, 0.6424,
0.3321

261.6279, 0.3731,

 0.4251, 0.7551,

0.3392

0.2449

313.8683, 0.3695,
0.3387

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.4556, 0.4209,
0.3431

46.4556, 0.4209,
0.3431

38.9971, 0.4602,
0.3458

55.4510, 0.3873,
0.3398

32.9828, 0.5040,
0.3474

66.0556, 0.3594,
0.3364

28.3206, 0.5489,
0.3472

78.3451, 0.3365,
0.3331

24.9050, 0.5893,
0.3446

92.3887, 0.3180,
0.3300

■ 22.6144, 0.6191,
0.3399

■ 99.4338, 0.3109,
0.3290

■ 21.6252, 0.6319,
0.3365

Harmonies

Analogous

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



46.4556, 0.3850, 0.3000



46.4556, 0.4209, 0.3431



46.4556, 0.4238, 0.3868

Triad

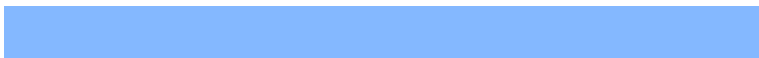
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.4556, 0.4209, 0.3431



46.4556, 0.2893, 0.4087



46.4556, 0.2318, 0.2405

Complementary

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



46.4556, 0.4209, 0.3431



74.5975, 0.2514, 0.3138

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.



46.4556, 0.2119, 0.2588



46.4556, 0.4209, 0.3431



46.4556, 0.2423, 0.3560

Square

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



46.4556, 0.4209, 0.3431



46.4556, 0.3452, 0.4328



46.4556, 0.2153, 0.2993



46.4556, 0.2730, 0.2434

Rectangle

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



46.4556, 0.4209, 0.3431



46.4556, 0.4075, 0.4118



46.4556, 0.2153, 0.2993



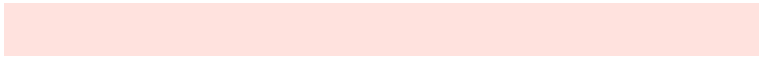
46.4556, 0.2227, 0.2441

Sweetspot

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



46.4579, 0.4209, 0.3431



80.8120, 0.3361, 0.3330



46.5909, 0.3286, 0.2334



16.6655, 0.3407, 0.3337



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.



46.4579, 0.4209, 0.3431



40.9139, 0.4552, 0.3455



68.8774, 0.3947, 0.3987



17.5585, 0.3291, 0.3319



11.3739, 0.6301, 0.3379



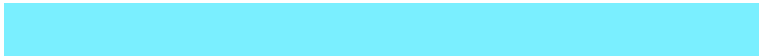
1.1569, 0.6128, 0.3516

Inverse Universe

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



74.5975, 0.2514, 0.3138



73.2280, 0.2417, 0.3103



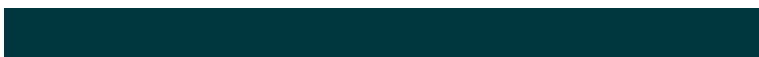
47.4777, 0.2400, 0.2466



19.2343, 0.2980, 0.3261



31.0039, 0.2141, 0.2909



2.9682, 0.2155, 0.2959

Previews

White Background



This preview shows how the Yxy color 46.4556, 0.4209, 0.3431 looks on a white background.

Color Contrast Check

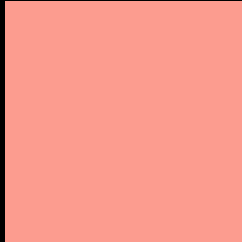
Large Text (above 18pt) WCAG AA × Fail

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 46.4556, 0.4209, 0.3431 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 46.4556, 0.4209, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 46.4556, 0.4209, 0.3431.



This preview shows how white text looks on a background with the Yxy color 46.4556, 0.4209, 0.3431.

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

46.4556, 0.4209, 0.3431

Protanopia

46.4907, 0.3429, 0.3630

Deuteranopia

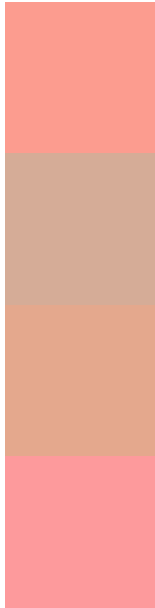
46.8495, 0.3794, 0.3719



Tritanopia

46.5336, 0.4025, 0.3176

Trichromacy



Original Color

46.4556, 0.4209, 0.3431

Protanomaly

45.8855, 0.3696, 0.3549

Deuteranomaly

46.4223, 0.3947, 0.3607

Tritanomaly

46.3941, 0.4095, 0.3272

Monochromacy



Original Color

46.4556, 0.4209, 0.3431

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.1242, 0.3491, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4556, 0.4209, 0.3431 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(252, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 143)  
}
```

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(252, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 143) }
```

Border

The CSS property to change the border of an element to Yxy 46.4556, 0.4209, 0.3431 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(252, 156, 143) }
```

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

```
.border{ border-color:rgb(252, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4556, 0.4209, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 143) }
```

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

```
.background{ background-color: rgb(252,  
156, 143) }
```

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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