

Converting Colors

$Y_{xy}(46.6460, 0.4251, 0.3428)$

Have a look what the booklet for
Yxy(46.6460, 0.4251, 0.3428)
contains.

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Color

Yxy(46.6557, 0.4252, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B8E
RGB	255, 155, 142
RGB Percent	100%, 61%, 56%
CMY	0.0000, 0.3922, 0.4431
CMYK	0.00, 0.39, 0.44, 0.00
HSL	7°, 100%, 78%
HSV	7°, 44%, 100%
XYZ	57.8536, 46.6557, 31.5528
YIQ	183.4180, 63.7730, 17.1570

Conversions

Conversions Part 2

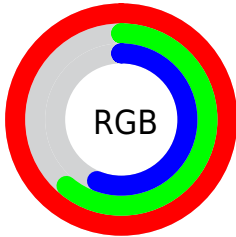
Format	Color
R _Y B	255, 157, 142
Decimal	16751502
CIE Lab	73.97, 35.94, 22.77
CIE LCh	74, 42.549, 32.353
Yxy	46.6557, 0.4252, 0.3429
Android (android.graphics.Color)	4294941582 (0xFFFF9B8E)
YUV	183.4180, -20.4191, 62.7774
Hunter-Lab	68.3050, 31.6539, 20.4251

Details

The Yxy color **46.6557, 0.4252, 0.3429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.4929, 0.2503, 0.3140**, and the grayscale version is **47.6792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3387, 0.3575, 0.3435**, and **21.8776, 0.4570, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **39.1483, 0.4653, 0.3454**, and if you desaturate by 10%, it is **55.7348, 0.3908, 0.3398**.

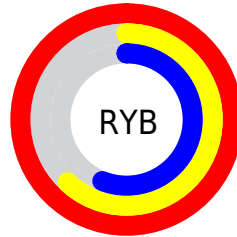
Distribution



Red (100%)

Green (61%)

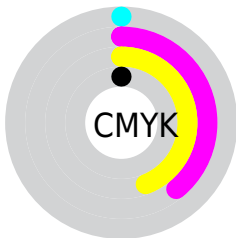
Blue (56%)



Red (100%)

Yellow (62%)

Blue (56%)

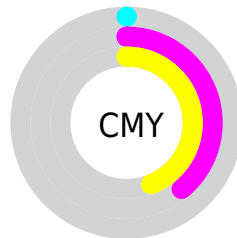


Cyan (0%)

Magenta (39%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6557, 0.4252, 0.3429 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 46.6557, 0.4252, 0.3429 by changing the saturation by 10% instead.

 46.6557, 0.4252,
0.3429


 46.6557, 0.4252,
0.3429


373.4385, 0.3685,
0.3384


 32.7636, 0.4393,
0.3432


 85.1995, 0.4046,
0.3418

 21.9454, 0.4573,
0.3432


 110.6199, 0.3968,
0.3413

 13.8168, 0.4809,
0.3424


 140.6518, 0.3903,
0.3407

 7.9933, 0.5130,
0.3397

175.6797, 0.3847,
0.3402

 4.0907, 0.5584,
0.3328

216.0879, 0.3798,
0.3397

 1.7244, 0.6533,
0.3291

262.2609, 0.3755,

 0.4394, 0.7587,

0.3392

0.2413

314.5830, 0.3718,
0.3388

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.6557, 0.4252,
0.3429

■ 46.6557, 0.4252,
0.3429

■ 39.1483, 0.4653,
0.3454

■ 55.7348, 0.3908,
0.3398

■ 33.1335, 0.5095,
0.3468

■ 66.4805, 0.3622,
0.3365

■ 28.5079, 0.5544,
0.3463

■ 78.9662, 0.3388,
0.3333

■ 25.1593, 0.5940,
0.3436

■ 93.2646, 0.3198,
0.3302

■ 22.9580, 0.6222,
0.3388

100.0000, 0.3127,
0.3290

■ 22.1524, 0.6324,
0.3361

Harmonies

Analogous

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



46.6557, 0.3875, 0.2984



46.6557, 0.4252, 0.3429



46.6557, 0.4283, 0.3883

Triad

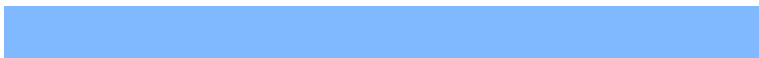
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.6557, 0.4252, 0.3429



46.6557, 0.2886, 0.4127



46.6557, 0.2285, 0.2372

Complementary

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



46.6557, 0.4252, 0.3429



76.4929, 0.2503, 0.3140

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.



46.6557, 0.2082, 0.2562



46.6557, 0.4252, 0.3429



46.6557, 0.2399, 0.3575

Square

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



46.6557, 0.4252, 0.3429



46.6557, 0.3467, 0.4374



46.6557, 0.2118, 0.2983



46.6557, 0.2710, 0.2402

Rectangle

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



46.6557, 0.4252, 0.3429



46.6557, 0.4114, 0.4144



46.6557, 0.2118, 0.2983



46.6557, 0.2192, 0.2410

Sweetspot

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



46.6519, 0.4252, 0.3429



80.7317, 0.3361, 0.3329



47.1240, 0.3274, 0.2296



16.6460, 0.3407, 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.



46.6519, 0.4252, 0.3429



40.0430, 0.4597, 0.3451



69.2109, 0.3981, 0.3986



18.3227, 0.3292, 0.3318



11.6810, 0.6307, 0.3374



1.2405, 0.6147, 0.3502

Inverse Universe

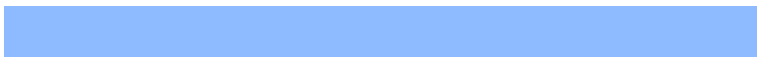
The Inverse Universe completely reimagines the original color for something new.



76.4929, 0.2503, 0.3140



73.2185, 0.2409, 0.3106



48.6015, 0.2385, 0.2465



20.1042, 0.2980, 0.3262



32.2573, 0.2145, 0.2923



3.2376, 0.2158, 0.2969

Previews

White Background



This preview shows how the Yxy color 46.6557, 0.4252, 0.3429 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 46.6557, 0.4252, 0.3429 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 46.6557, 0.4252, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 46.6557, 0.4252, 0.3429.



This preview shows how white text looks on a background with the Yxy color 46.6557, 0.4252, 0.3429.

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

46.6557, 0.4252, 0.3429

Protanopia

47.0289, 0.3436, 0.3641

Deuteranopia

46.7911, 0.3812, 0.3743



Tritanopia

46.7228, 0.4034, 0.3177

Trichromacy



Original Color

46.6557, 0.4252, 0.3429



Protanomaly

46.1541, 0.3724, 0.3560



Deuteranomaly

46.5274, 0.3976, 0.3629



Tritanomaly

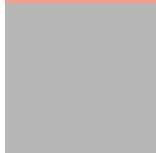
46.7715, 0.4113, 0.3272

Monochromacy



Original Color

46.6557, 0.4252, 0.3429



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

46.2696, 0.3500, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6557, 0.4252, 0.3429 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, 155, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 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, 155, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 142) }
```

Border

The CSS property to change the border of an element to Yxy 46.6557, 0.4252, 0.3429 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, 155, 142) }
```

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

```
.border{ border-color:rgb(255, 155, 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, 155, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6557, 0.4252, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 142) }
```

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

```
.background{ background-color: rgb(255,  
155, 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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