

Converting Colors

$Y_{xy}(46.7039, 0.4186, 0.3335)$

Have a look what the booklet for
Yxy(46.7039, 0.4186, 0.3335)
contains.

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Color

Yxy(46.5732, 0.4175, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A96
RGB	255, 154, 150
RGB Percent	100%, 60%, 59%
CMY	0.0000, 0.3961, 0.4117
CMYK	0.00, 0.40, 0.41, 0.00
HSL	2°, 100%, 79%
HSV	2°, 41%, 100%
XYZ	58.3038, 46.5732, 34.7728
YIQ	183.7430, 61.4800, 20.1680

Conversions

Conversions Part 2

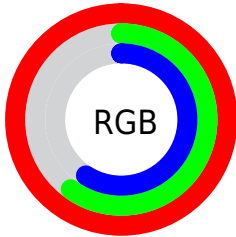
Format	Color
R _Y B	255, 154, 150
Decimal	16751254
CIE Lab	73.92, 37.27, 18.32
CIE LCh	74, 41.528, 26.178
Yxy	46.5732, 0.4175, 0.3335
Android (android.graphics.Color)	4294941334 (0xFFFF9A96)
YUV	183.7430, -16.6353, 62.4924
Hunter-Lab	68.2446, 33.0710, 17.5610

Details

The Yxy color **46.5732, 0.4175, 0.3335** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.7024, 0.2554, 0.3244**, and the grayscale version is **47.8513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2206, 0.3517, 0.3342**, and **21.8103, 0.4478, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **38.5529, 0.4583, 0.3345**, and if you desaturate by 10%, it is **56.4273, 0.3832, 0.3324**.

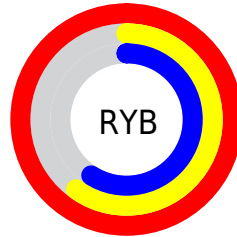
Distribution



Red (100%)

Green (60%)

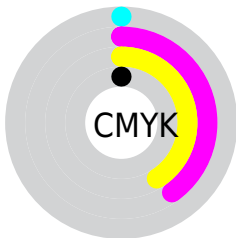
Blue (59%)



Red (100%)

Yellow (60%)

Blue (59%)

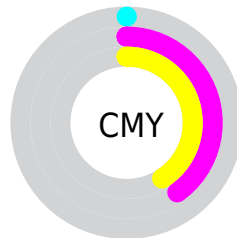


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5732, 0.4175, 0.3335 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 46.5732, 0.4175, 0.3335 by changing the saturation by 10% instead.


 46.5732, 0.4175,
0.3335

 46.5732, 0.4175,
0.3335


373.1083, 0.3646,
0.3332

 32.6984, 0.4307,
0.3330


 85.0762, 0.3982,
0.3338

 21.8955, 0.4476,
0.3319


 110.4732, 0.3910,
0.3338

 13.7801, 0.4700,
0.3300


140.4796, 0.3849,
0.3338

 7.9679, 0.5006,
0.3262

175.4800, 0.3797,
0.3337

 4.0744, 0.5448,
0.3183

215.8587, 0.3751,
0.3336

 1.7153, 0.6231,
0.3061

262.0000, 0.3712,

 0.4335, 0.7660,

0.3334

0.2340

314.2884, 0.3677,
0.3333

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.5732, 0.4175,
0.3335

46.5732, 0.4175,
0.3335

38.5529, 0.4583,
0.3345

56.4273, 0.3832,
0.3324

32.2521, 0.5042,
0.3350

68.2177, 0.3552,
0.3312

27.5455, 0.5517,
0.3350

82.0403, 0.3327,
0.3301

24.2903, 0.5941,
0.3342

97.9848, 0.3146,
0.3291

■ 22.3183, 0.6243,
0.3327

100.0000, 0.3127,
0.3290

■ 21.4706, 0.6382,
0.3314

Harmonies

Analogous

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



46.5732, 0.3750, 0.2909



46.5732, 0.4175, 0.3335



46.5732, 0.4280, 0.3784

Triad

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



46.5732, 0.4175, 0.3335



46.5732, 0.3007, 0.4185



46.5732, 0.2244, 0.2412

Complementary

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



46.5732, 0.4175, 0.3335



82.7024, 0.2554, 0.3244

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.



46.5732, 0.2091, 0.2646



46.5732, 0.4175, 0.3335



46.5732, 0.2500, 0.3692

Square

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



46.5732, 0.4175, 0.3335



46.5732, 0.3575, 0.4349



46.5732, 0.2177, 0.3102



46.5732, 0.2618, 0.2398

Rectangle

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



46.5732, 0.4175, 0.3335



46.5732, 0.4157, 0.4055



46.5732, 0.2177, 0.3102



46.5732, 0.2167, 0.2464

Sweetspot

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



46.5736, 0.4175, 0.3335



80.8195, 0.3343, 0.3302



50.0712, 0.3203, 0.2303



16.8917, 0.3371, 0.3304



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.



46.5736, 0.4175, 0.3335



40.1463, 0.4489, 0.3343



67.6062, 0.3939, 0.3870



18.0977, 0.3294, 0.3300



11.2668, 0.6374, 0.3321



1.1343, 0.6312, 0.3370

Inverse Universe

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



82.7024, 0.2554, 0.3244



80.4942, 0.2472, 0.3234



54.5529, 0.2454, 0.2622



20.3559, 0.2980, 0.3280



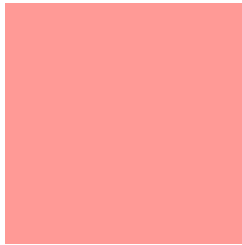
38.0428, 0.2214, 0.3171



3.7396, 0.2218, 0.3185

Previews

White Background



This preview shows how the Yxy color 46.5732, 0.4175, 0.3335 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 46.5732, 0.4175, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

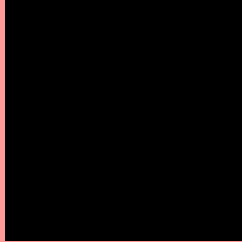
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5732, 0.4175, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 46.5732, 0.4175, 0.3335.



This preview shows how white text looks on a background with the Yxy color 46.5732, 0.4175, 0.3335.

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

46.5732, 0.4175, 0.3335

Protanopia

47.0834, 0.3343, 0.3524

Deuteranopia

46.7323, 0.3721, 0.3648



Tritanopia

46.7228, 0.4034, 0.3177

Trichromacy



Original Color

46.5732, 0.4175, 0.3335

Protanomaly

46.3044, 0.3632, 0.3450

Deuteranomaly

46.2380, 0.3895, 0.3525

Tritanomaly

46.5457, 0.4086, 0.3230

Monochromacy



Original Color

46.5732, 0.4175, 0.3335

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.5673, 0.3474, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5732, 0.4175, 0.3335 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, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 150)  
}
```

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, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 150) }
```

Border

The CSS property to change the border of an element to Yxy 46.5732, 0.4175, 0.3335 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, 154, 150) }
```

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

```
.border{ border-color:rgb(255, 154, 150) }
```

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

Here you see how a box with a 4 pixel rgb(255, 154, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5732, 0.4175, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 150) }
```

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

```
.background{ background-color: rgb(255,  
154, 150) }
```

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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