

Converting Colors

$Y_{xy}(53.3435, 0.4452, 0.3323)$

Have a look what the booklet for
Yxy(53.3435, 0.4452, 0.3323)
contains.

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Color

Yxy(46.6056, 0.4165, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A97
RGB	255, 154, 151
RGB Percent	100%, 60%, 59%
CMY	0.0000, 0.3960, 0.4080
CMYK	0.00, 0.40, 0.41, 0.00
HSL	2°, 100%, 80%
HSV	2°, 41%, 100%
XYZ	58.3796, 46.6056, 35.1820
YIQ	183.8570, 61.1590, 20.4790

Conversions

Conversions Part 2

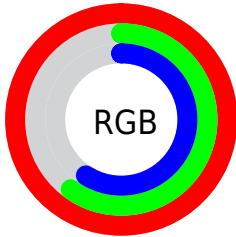
Format	Color
R _Y B	255, 154, 151
Decimal	16751255
CIE Lab	73.94, 37.36, 17.82
CIE LCh	74, 41.396, 25.502
Yxy	46.6056, 0.4165, 0.3325
Android (android.graphics.Color)	4294941335 (0xFFFF9A97)
YUV	183.8570, -16.1985, 62.3924
Hunter-Lab	68.2683, 33.1748, 17.2328

Details

The Yxy color **46.6056, 0.4165, 0.3325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.3893, 0.2560, 0.3254**, and the grayscale version is **47.9157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2687, 0.3509, 0.3332**, and **21.8296, 0.4463, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **38.5206, 0.4573, 0.3333**, and if you desaturate by 10%, it is **56.5586, 0.3823, 0.3316**.

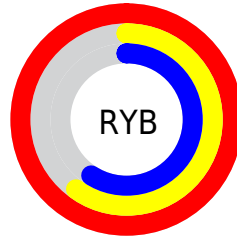
Distribution



Red (100%)

Green (60%)

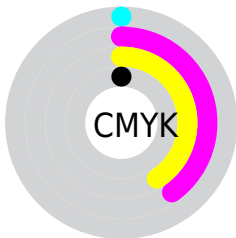
Blue (59%)



Red (100%)

Yellow (60%)

Blue (59%)

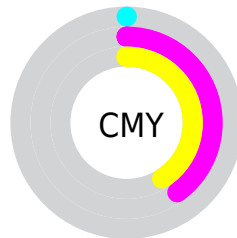


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6056, 0.4165, 0.3325 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 46.6056, 0.4165, 0.3325 by changing the saturation by 10% instead.


 46.6056, 0.4165,
0.3325


 46.6056, 0.4165,
0.3325

373.2380, 0.3641,
0.3326

 32.7240, 0.4296,
0.3319

 85.1246, 0.3974,
0.3330

 21.9151, 0.4464,
0.3308


 110.5308, 0.3903,
0.3330

 13.7945, 0.4685,
0.3287


140.5473, 0.3842,
0.3330

 7.9779, 0.4989,
0.3248

175.5584, 0.3790,
0.3330

 4.0808, 0.5428,
0.3168

215.9487, 0.3745,
0.3329

 1.7189, 0.6194,
0.3039

262.1025, 0.3706,

 0.4358, 0.7658,

0.3328

0.2342

314.4041, 0.3672,
0.3327

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.6056, 0.4165,
0.3325

46.6056, 0.4165,
0.3325

38.5206, 0.4573,
0.3333

56.5586, 0.3823,
0.3316

32.1814, 0.5034,
0.3338

68.4794, 0.3544,
0.3307

27.4612, 0.5511,
0.3338

82.4681, 0.3319,
0.3299

24.2133, 0.5939,
0.3332

98.6163, 0.3140,
0.3291

■ 22.2645, 0.6244,
0.3320

100.0000, 0.3127,
0.3290

■ 21.4220, 0.6387,
0.3311

Harmonies

Analogous

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



46.6056, 0.3736, 0.2902



46.6056, 0.4165, 0.3325



46.6056, 0.4277, 0.3773

Triad

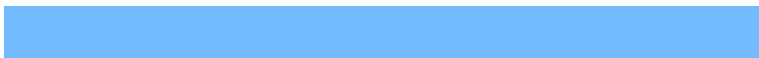
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.6056, 0.4165, 0.3325



46.6056, 0.3021, 0.4190



46.6056, 0.2240, 0.2417

Complementary

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



46.6056, 0.4165, 0.3325



83.3893, 0.2560, 0.3254

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.



46.6056, 0.2093, 0.2656



46.6056, 0.4165, 0.3325



46.6056, 0.2511, 0.3704

Square

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



46.6056, 0.4165, 0.3325



46.6056, 0.3586, 0.4345



46.6056, 0.2184, 0.3115



46.6056, 0.2609, 0.2399

Rectangle

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



46.6056, 0.4165, 0.3325



46.6056, 0.4160, 0.4044



46.6056, 0.2184, 0.3115



46.6056, 0.2166, 0.2471

Sweetspot

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



46.6077, 0.4165, 0.3325



80.6738, 0.3344, 0.3300



50.4911, 0.3189, 0.2297



16.8578, 0.3371, 0.3301



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.



46.6077, 0.4165, 0.3325



39.8420, 0.4495, 0.3331



67.0206, 0.3937, 0.3848



18.0721, 0.3294, 0.3298



11.2303, 0.6380, 0.3316



1.1221, 0.6332, 0.3354

Inverse Universe

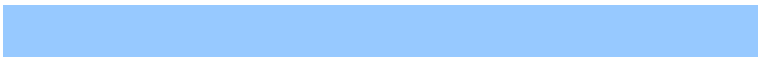
The Inverse Universe completely reimagines the original color for something new.



83.3893, 0.2560, 0.3254



81.1794, 0.2474, 0.3246



55.6855, 0.2464, 0.2651



20.3848, 0.2980, 0.3283



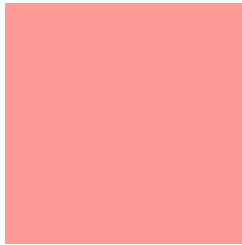
38.7450, 0.2222, 0.3198



3.8001, 0.2225, 0.3209

Previews

White Background



This preview shows how the Yxy color 46.6056, 0.4165, 0.3325 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 46.6056, 0.4165, 0.3325 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 46.6056, 0.4165, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 46.6056, 0.4165, 0.3325.



This preview shows how white text looks on a background with the Yxy color 46.6056, 0.4165, 0.3325.

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

46.6056, 0.4165, 0.3325

Protanopia

46.9913, 0.3326, 0.3512

Deuteranopia

46.7636, 0.3712, 0.3636



Tritanopia

46.7228, 0.4034, 0.3177

Trichromacy



Original Color

46.6056, 0.4165, 0.3325



Protanomaly

46.1892, 0.3613, 0.3438



Deuteranomaly

46.2695, 0.3885, 0.3514



Tritanomaly

46.5457, 0.4086, 0.3230

Monochromacy



Original Color

46.6056, 0.4165, 0.3325



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 46.6056, 0.4165, 0.3325 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 151) }
```

Border

The CSS property to change the border of an element to Yxy 46.6056, 0.4165, 0.3325 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, 151) }
```

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

```
.border{ border-color:rgb(255, 154, 151) }
```

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, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6056, 0.4165, 0.3325 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
154, 151) }
```

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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