

Converting Colors

$Y_{xy}(67.0626, 0.5025, 0.3412)$

Have a look what the booklet for
Yxy(67.0626, 0.5025, 0.3412)
contains.

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Color

Yxy(45.4657, 0.4339, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	FF9887
RGB	255, 152, 135
RGB Percent	100%, 60%, 53%
CMY	0.0000, 0.4040, 0.4705
CMYK	0.00, 0.40, 0.47, 0.00
HSL	8°, 100%, 76%
HSV	8°, 47%, 100%
XYZ	56.8518, 45.4657, 28.7076
YIQ	180.8590, 66.8450, 16.5490

Conversions

Conversions Part 2

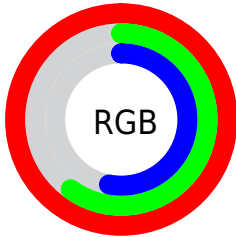
Format	Color
R_{YB}	255, 155, 135
Decimal	16750727
CIE _{Lab}	73.20, 36.81, 25.54
CIE _{LCh}	73, 44.804, 34.758
Yxy	45.4657, 0.4339, 0.3470
Android (android.graphics.Color)	4294940807 (0xFFFF9887)
YUV	180.8590, -22.6085, 65.0217
Hunter-Lab	67.4283, 32.5019, 21.9571

Details

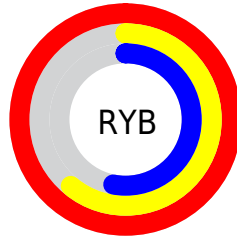
The Yxy color **45.4657, 0.4339, 0.3470** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.5412, 0.2465, 0.3091**, and the grayscale version is **46.2211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5165, 0.3644, 0.3488**, and **21.1817, 0.4692, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **38.3649, 0.4744, 0.3498**, and if you desaturate by 10%, it is **54.0418, 0.3986, 0.3433**.

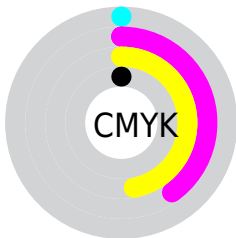
Distribution



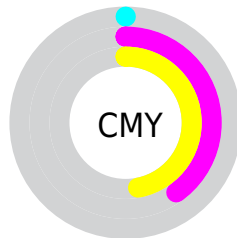
- Red (100%)
- Green (60%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4657, 0.4339, 0.3470 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 45.4657, 0.4339, 0.3470 by changing the saturation by 10% instead.

 45.4657, 0.4339,
0.3470


 45.4657, 0.4339,
0.3470


368.6564, 0.3726,
0.3409


 31.8244, 0.4491,
0.3476


 83.4188, 0.4116,
0.3455

 21.2274, 0.4685,
0.3477


 108.4994, 0.4032,
0.3447

 13.2903, 0.4940,
0.3469

 138.1619, 0.3961,
0.3440

 7.6288, 0.5283,
0.3439

172.7906, 0.3901,
0.3433

 3.8583, 0.5763,
0.3357

212.7701, 0.3848,
0.3426

 1.5946, 0.6724,
0.3276

258.4846, 0.3802,

 0.3540, 0.7859,

0.3420

0.2141

310.3186, 0.3762,
0.3414

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.4657, 0.4339,
0.3470

45.4657, 0.4339,
0.3470

38.3649, 0.4744,
0.3498

54.0418, 0.3986,
0.3433

32.6672, 0.5183,
0.3511

64.1838, 0.3690,
0.3393

28.2749, 0.5616,
0.3500

75.9598, 0.3445,
0.3353

25.0830, 0.5986,
0.3462

89.4380, 0.3246,
0.3315

■ 22.9692, 0.6239,
0.3402

100.0000, 0.3127,
0.3290

■ 22.5253, 0.6293,
0.3385

Harmonies

Analogous

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



45.4657, 0.3965, 0.3000



45.4657, 0.4339, 0.3470



45.4657, 0.4338, 0.3946

Triad

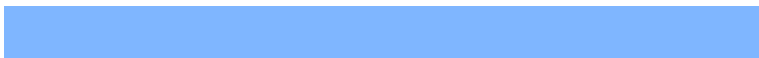
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.4657, 0.4339, 0.3470



45.4657, 0.2821, 0.4146



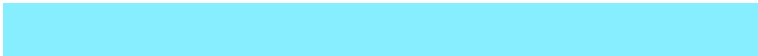
45.4657, 0.2266, 0.2316

Complementary

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



45.4657, 0.4339, 0.3470



73.5412, 0.2465, 0.3091

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.



45.4657, 0.2033, 0.2492



45.4657, 0.4339, 0.3470



45.4657, 0.2322, 0.3539

Square

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



45.4657, 0.4339, 0.3470



45.4657, 0.3433, 0.4439



45.4657, 0.2049, 0.2916



45.4657, 0.2728, 0.2367

Rectangle

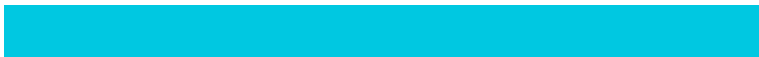
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.4657, 0.4339, 0.3470



45.4657, 0.4139, 0.4218



45.4657, 0.2049, 0.2916



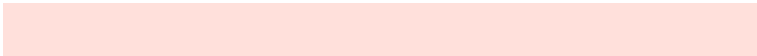
45.4657, 0.2161, 0.2348

Sweetspot

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



45.4615, 0.4339, 0.3470



79.8890, 0.3380, 0.3341



44.8254, 0.3321, 0.2273



16.5013, 0.3426, 0.3350



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.



45.4615, 0.4339, 0.3470



39.0437, 0.4699, 0.3496



69.6018, 0.4024, 0.4064



18.4012, 0.3291, 0.3324



11.8947, 0.6273, 0.3401



1.2773, 0.6093, 0.3544

Inverse Universe

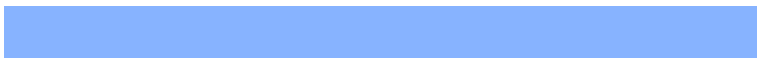
The Inverse Universe completely reimagines the original color for something new.



73.5412, 0.2465, 0.3091



69.9840, 0.2369, 0.3048



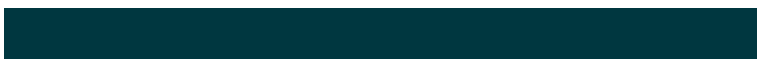
44.6175, 0.2329, 0.2352



20.0176, 0.2980, 0.3256



30.3972, 0.2121, 0.2834



3.0746, 0.2137, 0.2891

Previews

White Background



This preview shows how the Yxy color 45.4657, 0.4339, 0.3470 looks on a white background.

Color Contrast Check

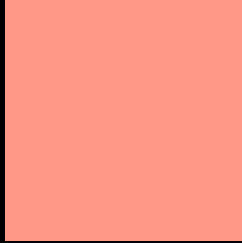
Large Text (above 18pt) WCAG AA × Fail

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 45.4657, 0.4339, 0.3470 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 45.4657, 0.4339, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 45.4657, 0.4339, 0.3470.



This preview shows how white text looks on a background with the Yxy color 45.4657, 0.4339, 0.3470.

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

45.4657, 0.4339, 0.3470

Protanopia

45.8570, 0.3491, 0.3710

Deuteranopia

45.6720, 0.3874, 0.3806



Tritanopia

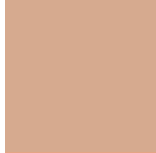
45.6108, 0.4088, 0.3188

Trichromacy



Original Color

45.4657, 0.4339, 0.3470



Protanomaly

45.0288, 0.3787, 0.3623



Deuteranomaly

45.0702, 0.4047, 0.3676



Tritanomaly

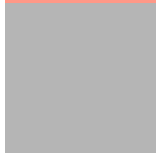
45.6276, 0.4178, 0.3293

Monochromacy



Original Color

45.4657, 0.4339, 0.3470



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.8397, 0.3535, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4657, 0.4339, 0.3470 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, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 135)  
}
```

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, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 135) }
```

Border

The CSS property to change the border of an element to Yxy 45.4657, 0.4339, 0.3470 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, 152, 135) }
```

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

```
.border{ border-color:rgb(255, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4657, 0.4339, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 135) }
```

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

```
.background{ background-color: rgb(255,  
152, 135) }
```

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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