

Converting Colors

$Y_{xy}(44.4452, 0.4349, 0.3429)$

Have a look what the booklet for
Yxy(44.4452, 0.4349, 0.3429)
contains.

Yxy(44.5325, 0.4345, 0.3429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.5325, 0.4345, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FF9588
RGB	255, 149, 136
RGB Percent	100%, 58%, 53%
CMY	0.0000, 0.4156, 0.4667
CMYK	0.00, 0.42, 0.47, 0.00
HSL	7°, 100%, 77%
HSV	7°, 47%, 100%
XYZ	56.4286, 44.5325, 28.9091
YIQ	179.2120, 67.3490, 18.4290

Conversions

Conversions Part 2

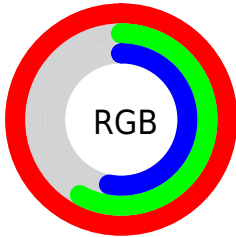
Format	Color
R_{YB}	255, 151, 136
Decimal	16749960
CIE _{Lab}	72.58, 38.41, 24.18
CIE _{LCh}	73, 45.389, 32.196
Yxy	44.5325, 0.4345, 0.3429
Android (android.graphics.Color)	4294940040 (0xFFFF9588)
YUV	179.2120, -21.3035, 66.4661
Hunter-Lab	66.7327, 34.1560, 21.0280

Details

The Yxy color **44.5325, 0.4345, 0.3429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.9375, 0.2477, 0.3138**, and the grayscale version is **45.2885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1199, 0.3644, 0.3447**, and **20.6397, 0.4704, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **37.3947, 0.4760, 0.3451**, and if you desaturate by 10%, it is **53.2480, 0.3986, 0.3400**.

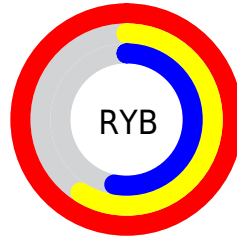
Distribution



Red (100%)

Green (58%)

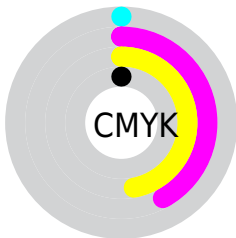
Blue (53%)



Red (100%)

Yellow (59%)

Blue (53%)

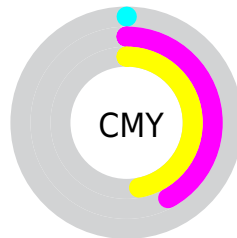


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5325, 0.4345, 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 44.5325, 0.4345, 0.3429 by changing the saturation by 10% instead.

 44.5325, 0.4345,
0.3429


 44.5325, 0.4345,
0.3429

364.8769, 0.3726,
0.3388


 31.0894, 0.4500,
0.3430


 82.0184, 0.4119,
0.3421

 20.6669, 0.4697,
0.3426


 106.8300, 0.4035,
0.3416

 12.8807, 0.4957,
0.3410


 136.1998, 0.3963,
0.3411

 7.3465, 0.5309,
0.3370

170.5123, 0.3902,
0.3406

 3.6797, 0.5806,
0.3275

210.1519, 0.3849,
0.3401

 1.4961, 0.6821,
0.3179

255.5029, 0.3803,

 0.2860, 0.8157,

0.3396

0.1843

306.9498, 0.3762,
0.3392

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.5325, 0.4345,
0.3429

44.5325, 0.4345,
0.3429

37.3947, 0.4760,
0.3451

53.2480, 0.3986,
0.3400

31.7338, 0.5210,
0.3460

63.6209, 0.3685,
0.3369

27.4476, 0.5653,
0.3450

75.7334, 0.3439,
0.3338

24.4182, 0.6027,
0.3419

89.6604, 0.3239,
0.3309

■ 22.5071, 0.6274,
0.3370

99.9985, 0.3127,
0.3290

■ 22.0847, 0.6330,
0.3356

Harmonies

Analogous

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



44.5325, 0.3934, 0.2956



44.5325, 0.4345, 0.3429



44.5325, 0.4376, 0.3916

Triad

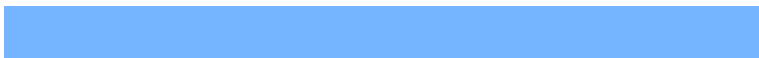
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.5325, 0.4345, 0.3429



44.5325, 0.2865, 0.4207



44.5325, 0.2221, 0.2305

Complementary

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



44.5325, 0.4345, 0.3429



75.9375, 0.2477, 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.



44.5325, 0.2005, 0.2504



44.5325, 0.4345, 0.3429



44.5325, 0.2342, 0.3601

Square

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



44.5325, 0.4345, 0.3429



44.5325, 0.3490, 0.4469



44.5325, 0.2044, 0.2955



44.5325, 0.2672, 0.2338

Rectangle

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



44.5325, 0.4345, 0.3429



44.5325, 0.4191, 0.4202



44.5325, 0.2044, 0.2955



44.5325, 0.2121, 0.2344

Sweetspot

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



44.5348, 0.4345, 0.3429



79.2765, 0.3382, 0.3330



45.3401, 0.3284, 0.2248



16.3543, 0.3428, 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.



44.5348, 0.4345, 0.3429



37.8282, 0.4730, 0.3450



67.8509, 0.4035, 0.4021



18.3069, 0.3292, 0.3317



11.6427, 0.6313, 0.3369



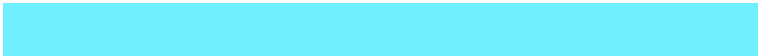
1.2331, 0.6158, 0.3493

Inverse Universe

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



75.9375, 0.2477, 0.3138



72.6281, 0.2381, 0.3103



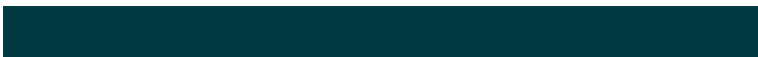
46.5635, 0.2345, 0.2412



20.1217, 0.2980, 0.3263



32.6413, 0.2150, 0.2941



3.2711, 0.2162, 0.2984

Previews

White Background



This preview shows how the Yxy color 44.5325, 0.4345, 0.3429 looks on a white background.

Color Contrast Check

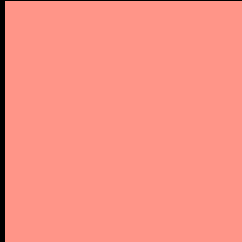
Large Text (above 18pt) WCAG AA × Fail

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 44.5325, 0.4345, 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 44.5325, 0.4345, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 44.5325, 0.4345, 0.3429.



This preview shows how white text looks on a background with the Yxy color 44.5325, 0.4345, 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

44.5325, 0.4345, 0.3429

Protanopia

44.7342, 0.3451, 0.3662

Deuteranopia

44.6406, 0.3855, 0.3774



Tritanopia

44.5618, 0.4132, 0.3188

Trichromacy



Original Color

44.5325, 0.4345, 0.3429

Protanomaly

43.6788, 0.3760, 0.3564

Deuteranomaly

44.2187, 0.4038, 0.3643

Tritanomaly

44.6097, 0.4213, 0.3283

Monochromacy



Original Color

44.5325, 0.4345, 0.3429

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.9150, 0.3539, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5325, 0.4345, 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, 149, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 136)  
}
```

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, 149, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 136) }
```

Border

The CSS property to change the border of an element to Yxy 44.5325, 0.4345, 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, 149, 136) }
```

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

```
.border{ border-color:rgb(255, 149, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5325, 0.4345, 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, 149, 136) }
```

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

```
.background{ background-color: rgb(255,  
149, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor