

Converting Colors

$Y_{xy}(46.2296, 0.4338, 0.3412)$

Have a look what the booklet for
Yxy(46.2296, 0.4338, 0.3412)
contains.

Yxy(45.2867, 0.4293, 0.3408)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.2867, 0.4293, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	FF978C
RGB	255, 151, 140
RGB Percent	100%, 59%, 55%
CMY	0.0000, 0.4079, 0.4509
CMYK	0.00, 0.41, 0.45, 0.00
HSL	6°, 100%, 77%
HSV	6°, 45%, 100%
XYZ	57.0469, 45.2867, 30.5499
YIQ	180.8420, 65.5150, 18.6270

Conversions

Conversions Part 2

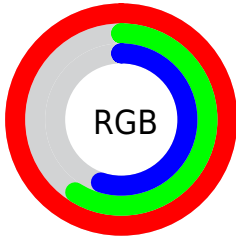
Format	Color
RYB	255, 152, 140
Decimal	16750476
CIELab	73.08, 37.80, 22.65
CIELCh	73, 44.065, 30.938
Yxy	45.2867, 0.4293, 0.3408
Android (android.graphics.Color)	4294940556 (0xFFFF978C)
YUV	180.8420, -20.1351, 65.0366
Hunter-Lab	67.2954, 33.5491, 20.1910

Details

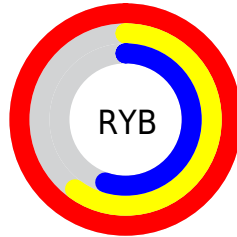
The Yxy color **45.2867, 0.4293, 0.3408** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.5096, 0.2498, 0.3163**, and the grayscale version is **46.2006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2977, 0.3600, 0.3415**, and **21.0757, 0.4630, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **37.9063, 0.4704, 0.3428**, and if you desaturate by 10%, it is **54.2899, 0.3939, 0.3382**.

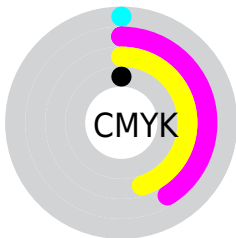
Distribution



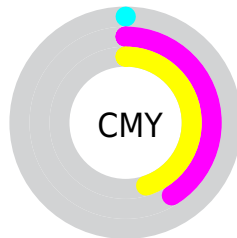
- Red (100%)
- Green (59%)
- Blue (55%)



- Red (100%)
- Yellow (60%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2867, 0.4293, 0.3408 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 45.2867, 0.4293, 0.3408 by changing the saturation by 10% instead.


 45.2867, 0.4293,
0.3408


 45.2867, 0.4293,
0.3408


367.9335, 0.3702,
0.3375

 31.6833, 0.4441,
0.3408


 83.1505, 0.4078,
0.3402

 21.1197, 0.4629,
0.3403


 108.1796, 0.3997,
0.3398

 13.2115, 0.4877,
0.3388


 137.7862, 0.3929,
0.3394

 7.5744, 0.5216,
0.3351

172.3545, 0.3870,
0.3390

 3.8238, 0.5696,
0.3265

212.2690, 0.3820,
0.3385

 1.5755, 0.6770,
0.3230

257.9141, 0.3775,

 0.3410, 0.7941,

0.3382

0.2059

309.6741, 0.3737,
0.3378

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.2867, 0.4293,
0.3408

45.2867, 0.4293,
0.3408

37.9063, 0.4704,
0.3428

54.2899, 0.3939,
0.3382

32.0568, 0.5156,
0.3438

65.0106, 0.3645,
0.3355

27.6289, 0.5608,
0.3432

77.5296, 0.3406,
0.3328

24.5006, 0.5997,
0.3406

91.9243, 0.3211,
0.3302

■ 22.5296, 0.6262,
0.3364

100.0000, 0.3127,
0.3290

■ 21.9278, 0.6343,
0.3346

Harmonies

Analogous

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



45.2867, 0.3884, 0.2950



45.2867, 0.4293, 0.3408



45.2867, 0.4341, 0.3881

Triad

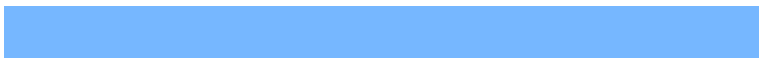
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.2867, 0.4293, 0.3408



45.2867, 0.2901, 0.4191



45.2867, 0.2235, 0.2339

Complementary

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



45.2867, 0.4293, 0.3408



77.5096, 0.2498, 0.3163

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.



45.2867, 0.2036, 0.2544



45.2867, 0.4293, 0.3408



45.2867, 0.2386, 0.3618

Square

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



45.2867, 0.4293, 0.3408



45.2867, 0.3507, 0.4428



45.2867, 0.2084, 0.2992



45.2867, 0.2665, 0.2361

Rectangle

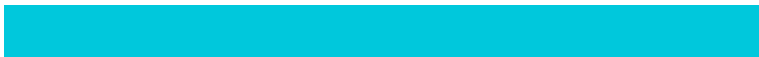
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.2867, 0.4293, 0.3408



45.2867, 0.4172, 0.4160



45.2867, 0.2084, 0.2992



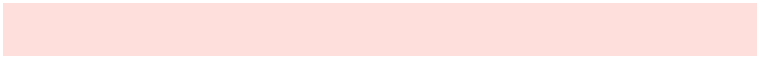
45.2867, 0.2142, 0.2380

Sweetspot

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



45.2849, 0.4293, 0.3408



79.0103, 0.3382, 0.3325



46.6380, 0.3261, 0.2264



16.2904, 0.3429, 0.3331



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.



45.2849, 0.4293, 0.3408



38.6365, 0.4657, 0.3426



67.8224, 0.4008, 0.3979



18.2659, 0.3292, 0.3313



11.5500, 0.6328, 0.3357



1.2138, 0.6187, 0.3470

Inverse Universe

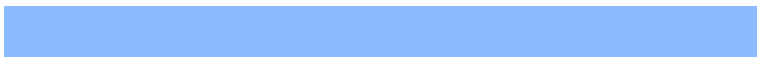
The Inverse Universe completely reimagines the original color for something new.



77.5096, 0.2498, 0.3163



74.4381, 0.2405, 0.3134



48.7306, 0.2376, 0.2472



20.1673, 0.2980, 0.3267



33.6547, 0.2163, 0.2987



3.3595, 0.2173, 0.3024

Previews

White Background



This preview shows how the Yxy color 45.2867, 0.4293, 0.3408 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 45.2867, 0.4293, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

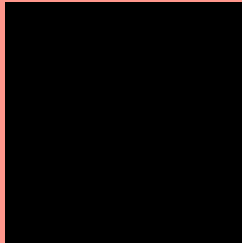
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2867, 0.4293, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 45.2867, 0.4293, 0.3408.



This preview shows how white text looks on a background with the Yxy color 45.2867, 0.4293, 0.3408.

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

45.2867, 0.4293, 0.3408

Protanopia

45.3921, 0.3424, 0.3620

Deuteranopia

45.2797, 0.3824, 0.3735



Tritanopia

45.2930, 0.4092, 0.3177

Trichromacy



Original Color

45.2867, 0.4293, 0.3408

Protanomaly

44.6920, 0.3725, 0.3538

Deuteranomaly

44.8510, 0.4004, 0.3607

Tritanomaly

45.3726, 0.4162, 0.3262

Monochromacy



Original Color

45.2867, 0.4293, 0.3408

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.9125, 0.3516, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2867, 0.4293, 0.3408 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, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 140)  
}
```

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, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 140) }
```

Border

The CSS property to change the border of an element to Yxy 45.2867, 0.4293, 0.3408 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, 151, 140) }
```

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

```
.border{ border-color:rgb(255, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2867, 0.4293, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 140) }
```

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

```
.background{ background-color: rgb(255,  
151, 140) }
```

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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