

Converting Colors

$Y_{xy}(45.5928, 0.4297, 0.3429)$

Have a look what the booklet for
Yxy(45.5928, 0.4297, 0.3429)
contains.

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Color

Yxy(45.5806, 0.4298, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FF988B
RGB	255, 152, 139
RGB Percent	100%, 60%, 55%
CMY	0.0000, 0.4039, 0.4549
CMYK	0.00, 0.40, 0.45, 0.00
HSL	7°, 100%, 77%
HSV	7°, 45%, 100%
XYZ	57.1319, 45.5806, 30.2143
YIQ	181.3150, 65.5610, 17.7930

Conversions

Conversions Part 2

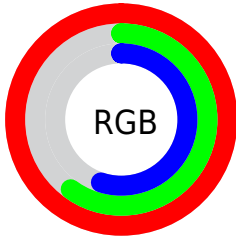
Format	Color
R_{YB}	255, 154, 139
Decimal	16750731
CIE _{Lab}	73.27, 37.18, 23.47
CIE _{LCh}	73, 43.964, 32.262
Yxy	45.5806, 0.4298, 0.3429
Android (android.graphics.Color)	4294940811 (0xFFFF988B)
YUV	181.3150, -20.8613, 64.6217
Hunter-Lab	67.5134, 32.9038, 20.7253

Details

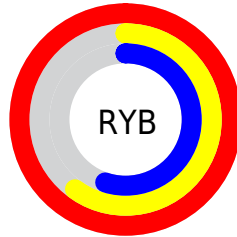
The Yxy color **45.5806, 0.4298, 0.3429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.2166, 0.2490, 0.3139**, and the grayscale version is **46.4757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7359, 0.3605, 0.3436**, and **21.2471, 0.4636, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **38.2583, 0.4706, 0.3453**, and if you desaturate by 10%, it is **54.4798, 0.3946, 0.3399**.

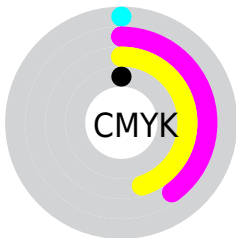
Distribution



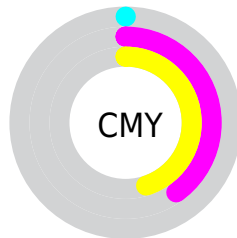
- Red (100%)
- Green (60%)
- Blue (55%)



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



- Cyan (0%)
- Magenta (40%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5806, 0.4298, 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 45.5806, 0.4298, 0.3429 by changing the saturation by 10% instead.


 45.5806, 0.4298,
0.3429

 45.5806, 0.4298,
0.3429


369.1199, 0.3705,
0.3386


 31.9150, 0.4446,
0.3431

 83.5910, 0.4082,
0.3420

 21.2966, 0.4634,
0.3429


 108.7045, 0.4001,
0.3414

 13.3410, 0.4882,
0.3417


 138.4029, 0.3933,
0.3409

 7.6638, 0.5219,
0.3384

173.0704, 0.3874,
0.3404

 3.8806, 0.5694,
0.3302

213.0914, 0.3823,
0.3399

 1.6070, 0.6735,
0.3265

258.8505, 0.3779,

 0.3623, 0.7849,

0.3394

0.2151

310.7318, 0.3740,
0.3390

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.5806, 0.4298,
0.3429

45.5806, 0.4298,
0.3429

38.2583, 0.4706,
0.3453

54.4798, 0.3946,
0.3399

32.4204, 0.5153,
0.3464

65.0406, 0.3653,
0.3367

27.9649, 0.5599,
0.3457

77.3417, 0.3413,
0.3335

24.7769, 0.5985,
0.3427

91.4570, 0.3218,
0.3306

■ 22.7222, 0.6249,
0.3379

100.0000, 0.3127,
0.3290

■ 22.1177, 0.6327,
0.3358

Harmonies

Analogous

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



45.5806, 0.3904, 0.2970



45.5806, 0.4298, 0.3429



45.5806, 0.4329, 0.3899

Triad

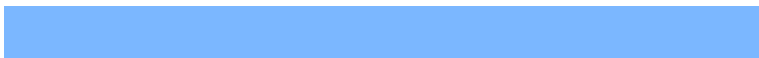
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.5806, 0.4298, 0.3429



45.5806, 0.2876, 0.4167



45.5806, 0.2253, 0.2339

Complementary

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



45.5806, 0.4298, 0.3429



76.2166, 0.2490, 0.3139

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.



45.5806, 0.2044, 0.2533



45.5806, 0.4298, 0.3429



45.5806, 0.2371, 0.3588

Square

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



45.5806, 0.4298, 0.3429



45.5806, 0.3479, 0.4421



45.5806, 0.2081, 0.2970



45.5806, 0.2691, 0.2370

Rectangle

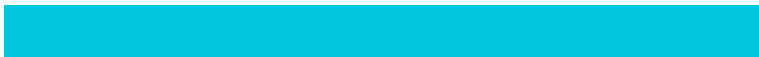
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.5806, 0.4298, 0.3429



45.5806, 0.4152, 0.4173



45.5806, 0.2081, 0.2970



45.5806, 0.2157, 0.2377

Sweetspot

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



45.5807, 0.4298, 0.3429



79.3258, 0.3382, 0.3331



46.2220, 0.3279, 0.2272



16.3661, 0.3428, 0.3338



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.



45.5807, 0.4298, 0.3429



38.5806, 0.4685, 0.3452



68.5301, 0.4008, 0.4004



18.3145, 0.3292, 0.3317



11.6609, 0.6310, 0.3372



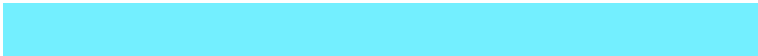
1.2367, 0.6152, 0.3497

Inverse Universe

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



76.2166, 0.2490, 0.3139



72.7495, 0.2390, 0.3103



47.5762, 0.2365, 0.2439



20.1133, 0.2980, 0.3263



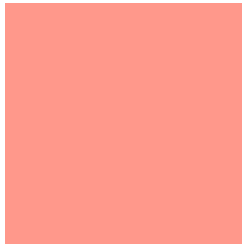
32.4562, 0.2148, 0.2933



3.2550, 0.2160, 0.2977

Previews

White Background



This preview shows how the Yxy color 45.5806, 0.4298, 0.3429 looks on a white background.

Color Contrast Check

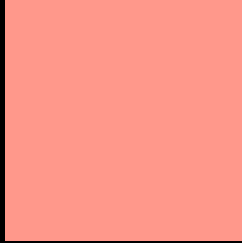
Large Text (above 18pt) WCAG AA × Fail

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 45.5806, 0.4298, 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 45.5806, 0.4298, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 45.5806, 0.4298, 0.3429.



This preview shows how white text looks on a background with the Yxy color 45.5806, 0.4298, 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

45.5806, 0.4298, 0.3429

Protanopia

45.8567, 0.3448, 0.3658

Deuteranopia

45.7825, 0.3838, 0.3758



Tritanopia

45.6108, 0.4088, 0.3188

Trichromacy



Original Color

45.5806, 0.4298, 0.3429

Protanomaly

45.1522, 0.3749, 0.3574

Deuteranomaly

45.1818, 0.4009, 0.3630

Tritanomaly

45.6602, 0.4168, 0.3283

Monochromacy



Original Color

45.5806, 0.4298, 0.3429

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 45.5806, 0.4298, 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, 152, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 139) }
```

Border

The CSS property to change the border of an element to Yxy 45.5806, 0.4298, 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, 152, 139) }
```

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

```
.border{ border-color:rgb(255, 152, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5806, 0.4298, 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, 152, 139) }
```

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

```
.background{ background-color: rgb(255,  
152, 139) }
```

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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