

Converting Colors

$Y_{xy}(45.8240, 0.4188, 0.3420)$

Have a look what the booklet for
Yxy(45.8240, 0.4188, 0.3420)
contains.

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Color

Yxy(45.7499, 0.4196, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	FA9B8F
RGB	250, 155, 143
RGB Percent	98%, 61%, 56%
CMY	0.0195, 0.3922, 0.4391
CMYK	0.00, 0.38, 0.43, 0.02
HSL	7°, 92%, 77%
HSV	7°, 43%, 98%
XYZ	56.1142, 45.7499, 31.8685
YIQ	182.0370, 60.4720, 16.4080

Conversions

Conversions Part 2

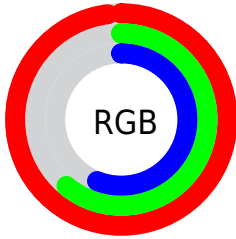
Format	Color
R _Y B	250, 157, 143
Decimal	16423823
CIE Lab	73.38, 34.18, 21.32
CIE LCh	73, 40.284, 31.953
Yxy	45.7499, 0.4196, 0.3421
Android (android.graphics.Color)	4294613903 (0xFFFA9B8F)
YUV	182.0370, -19.2452, 59.6036
Hunter-Lab	67.6387, 29.7189, 19.4121

Details

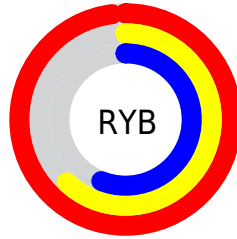
The Yxy color **45.7499, 0.4196, 0.3421** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.9370, 0.2521, 0.3150**, and the grayscale version is **46.8841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3844, 0.3568, 0.3425**, and **21.3694, 0.4509, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **38.3530, 0.4589, 0.3447**, and if you desaturate by 10%, it is **54.6795, 0.3861, 0.3390**.

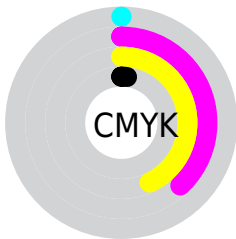
Distribution



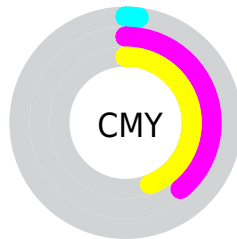
- Red (98%)
- Green (61%)
- Blue (56%)



- Red (98%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (2%)





- Cyan (2%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7499, 0.4196, 0.3421 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 45.7499, 0.4196, 0.3421 by changing the saturation by 10% instead.


 45.7499, 0.4196,
0.3421

 45.7499, 0.4196,
0.3421


369.8023, 0.3655,
0.3377

 32.0485, 0.4331,
0.3425


 83.8446, 0.3999,
0.3410

 21.3986, 0.4505,
0.3425


 109.0067, 0.3925,
0.3405

 13.4156, 0.4733,
0.3419


138.7577, 0.3862,
0.3399

 7.7154, 0.5046,
0.3396

173.4822, 0.3809,
0.3394

 3.9134, 0.5494,
0.3334

213.5646, 0.3762,
0.3390

 1.6252, 0.6441,
0.3309

259.3891, 0.3722,

 0.3745, 0.7681,

0.3385

0.2319

311.3402, 0.3686,
0.3381

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.7499, 0.4196,
0.3421

45.7499, 0.4196,
0.3421

38.3530, 0.4589,
0.3447

54.6795, 0.3861,
0.3390

32.3960, 0.5028,
0.3462

65.2143, 0.3583,
0.3358

27.7867, 0.5479,
0.3460

77.4302, 0.3356,
0.3327

24.4191, 0.5888,
0.3437

91.3963, 0.3172,
0.3298

■ 22.1712, 0.6190,
0.3393

■ 99.0703, 0.3097,
0.3290

■ 21.1585, 0.6326,
0.3359

Harmonies

Analogous

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



45.7499, 0.3834, 0.2993



45.7499, 0.4196, 0.3421



45.7499, 0.4233, 0.3856

Triad

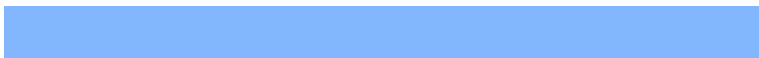
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.7499, 0.4196, 0.3421



45.7499, 0.2907, 0.4089



45.7499, 0.2318, 0.2412

Complementary

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



45.7499, 0.4196, 0.3421



73.9370, 0.2521, 0.3150

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.



45.7499, 0.2124, 0.2600



45.7499, 0.4196, 0.3421



45.7499, 0.2437, 0.3570

Square

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



45.7499, 0.4196, 0.3421



45.7499, 0.3462, 0.4321



45.7499, 0.2163, 0.3007



45.7499, 0.2723, 0.2437

Rectangle

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



45.7499, 0.4196, 0.3421



45.7499, 0.4075, 0.4105



45.7499, 0.2163, 0.3007



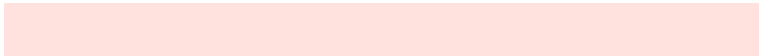
45.7499, 0.2228, 0.2450

Sweetspot

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



45.7522, 0.4196, 0.3421



80.6773, 0.3361, 0.3328



46.2340, 0.3268, 0.2329



16.6328, 0.3407, 0.3335



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.



45.7522, 0.4196, 0.3421



41.3462, 0.4517, 0.3443



67.0514, 0.3945, 0.3962



17.5374, 0.3291, 0.3317



11.3203, 0.6310, 0.3372



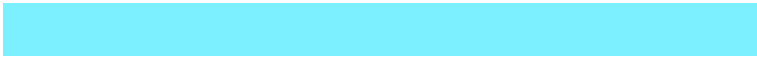
1.1470, 0.6144, 0.3504

Inverse Universe

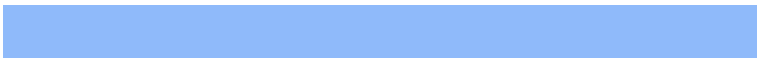
The Inverse Universe completely reimagines the original color for something new.



73.9370, 0.2521, 0.3150



74.1689, 0.2430, 0.3118



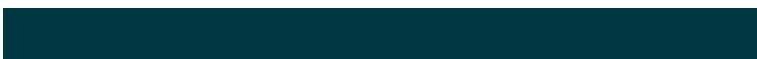
47.7913, 0.2412, 0.2500



19.2576, 0.2980, 0.3263



31.5211, 0.2148, 0.2934



3.0109, 0.2161, 0.2980

Previews

White Background



This preview shows how the Yxy color 45.7499, 0.4196, 0.3421 looks on a white background.

Color Contrast Check

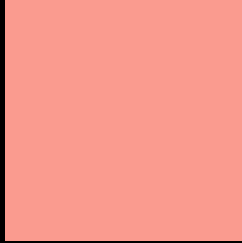
Large Text (above 18pt) WCAG AA × Fail

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 45.7499, 0.4196, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

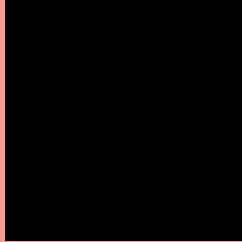
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7499, 0.4196, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 45.7499, 0.4196, 0.3421.



This preview shows how white text looks on a background with the Yxy color 45.7499, 0.4196, 0.3421.

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

45.7499, 0.4196, 0.3421

Protanopia

45.9562, 0.3423, 0.3618

Deuteranopia

45.7776, 0.3783, 0.3698



Tritanopia

45.7963, 0.4021, 0.3176

Trichromacy



Original Color

45.7499, 0.4196, 0.3421

Protanomaly

45.3572, 0.3690, 0.3538

Deuteranomaly

45.3643, 0.3937, 0.3586

Tritanomaly

45.6920, 0.4080, 0.3261

Monochromacy



Original Color

45.7499, 0.4196, 0.3421

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.5976, 0.3484, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7499, 0.4196, 0.3421 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(250, 155, 143)` looks like.

```
.text, #text, p{  
    color:rgb(250, 155, 143)  
}
```

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(250, 155, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 155, 143) }
```

Border

The CSS property to change the border of an element to Yxy 45.7499, 0.4196, 0.3421 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(250, 155, 143) }
```

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

```
.border{ border-color:rgb(250, 155, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 155, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 155, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 155, 143);  
box-shadow:4px 4px 4px 4px rgb(250, 155,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7499, 0.4196, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 155, 143) }
```

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

```
.background{ background-color: rgb(250,  
155, 143) }
```

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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