

Converting Colors

$Y_{xy}(45.3945, 0.4155, 0.3468)$

Have a look what the booklet for
Yxy(45.3945, 0.4155, 0.3468)
contains.

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Color

Yxy(45.4495, 0.4160, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	F59D8D
RGB	245, 157, 141
RGB Percent	96%, 62%, 55%
CMY	0.0392, 0.3843, 0.4472
CMYK	0.00, 0.36, 0.42, 0.04
HSL	9°, 84%, 76%
HSV	9°, 42%, 96%
XYZ	54.5184, 45.4495, 31.0860
YIQ	181.4880, 57.5840, 13.6800

Conversions

Conversions Part 2

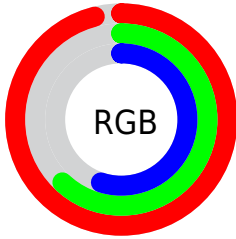
Format	Color
R _Y B	245, 160, 141
Decimal	16096653
CIE Lab	73.19, 31.01, 22.08
CIE LCh	73, 38.066, 35.448
Yxy	45.4495, 0.4160, 0.3468
Android (android.graphics.Color)	4294286733 (0xFFFF59D8D)
YUV	181.4880, -19.9606, 55.7000
Hunter-Lab	67.4162, 26.3716, 19.8524

Details

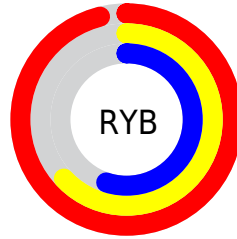
The Yxy color **45.4495, 0.4160, 0.3468** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2670, 0.2517, 0.3098**, and the grayscale version is **46.5737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2871, 0.3578, 0.3466**, and **21.2976, 0.4453, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **38.3737, 0.4537, 0.3504**, and if you desaturate by 10%, it is **53.8802, 0.3838, 0.3426**.

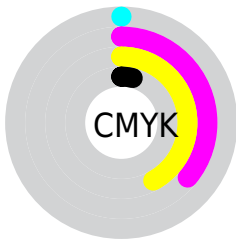
Distribution



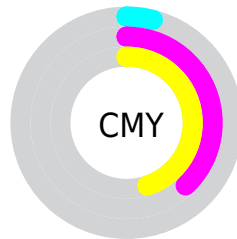
- Red (96%)
- Green (62%)
- Blue (55%)



- Red (96%)
- Yellow (63%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4495, 0.4160, 0.3468 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 45.4495, 0.4160, 0.3468 by changing the saturation by 10% instead.


 45.4495, 0.4160,
0.3468

 45.4495, 0.4160,
0.3468


368.5910, 0.3637,
0.3400


 31.8116, 0.4291,
0.3478


 83.3945, 0.3969,
0.3448

 21.2177, 0.4459,
0.3487


 108.4705, 0.3898,
0.3439

 13.2832, 0.4680,
0.3490


 138.1279, 0.3837,
0.3431

 7.6238, 0.4984,
0.3482

172.7512, 0.3785,
0.3424

 3.8552, 0.5419,
0.3439

212.7248, 0.3741,
0.3417

 1.5929, 0.6415,
0.3485

258.4330, 0.3702,

 0.3528, 0.7601,

0.3411

0.2399

310.2603, 0.3667,
0.3405

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.4495, 0.4160,
0.3468

45.4495, 0.4160,
0.3468

38.3737, 0.4537,
0.3504

53.8802, 0.3838,
0.3426

32.5754, 0.4957,
0.3527

63.7246, 0.3569,
0.3382

27.9795, 0.5394,
0.3530

75.0461, 0.3348,
0.3339

24.5003, 0.5799,
0.3504

87.9024, 0.3166,
0.3299

■ 22.0402, 0.6114,
0.3450

■ 98.1521, 0.3066,
0.3290

■ 20.7842, 0.6273,
0.3401

Harmonies

Analogous

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



45.4495, 0.3849, 0.3054



45.4495, 0.4160, 0.3468



45.4495, 0.4159, 0.3877

Triad

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



45.4495, 0.4160, 0.3468



45.4495, 0.2862, 0.3996



45.4495, 0.2392, 0.2447

Complementary

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



45.4495, 0.4160, 0.3468



68.2670, 0.2517, 0.3098

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.



45.4495, 0.2182, 0.2604



45.4495, 0.4160, 0.3468



45.4495, 0.2431, 0.3492

Square

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



45.4495, 0.4160, 0.3468



45.4495, 0.3387, 0.4255



45.4495, 0.2193, 0.2970



45.4495, 0.2800, 0.2492

Rectangle

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



45.4495, 0.4160, 0.3468



45.4495, 0.3991, 0.4101



45.4495, 0.2193, 0.2970



45.4495, 0.2299, 0.2476

Sweetspot

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



45.4517, 0.4160, 0.3468



81.4431, 0.3359, 0.3342



44.1319, 0.3314, 0.2383



16.8191, 0.3405, 0.3351



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.



45.4517, 0.4160, 0.3468



42.9914, 0.4483, 0.3500



66.7332, 0.3913, 0.4007



16.8949, 0.3290, 0.3327



11.3222, 0.6253, 0.3417



1.1155, 0.6043, 0.3584

Inverse Universe

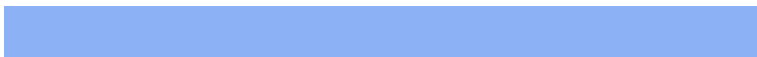
The Inverse Universe completely reimagines the original color for something new.



68.2670, 0.2517, 0.3098



70.9621, 0.2417, 0.3052



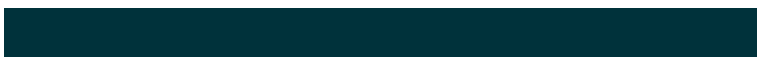
43.8468, 0.2408, 0.2440



18.2969, 0.2980, 0.3253



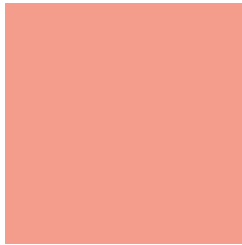
27.8165, 0.2109, 0.2792



2.5598, 0.2128, 0.2861

Previews

White Background



This preview shows how the Yxy color 45.4495, 0.4160, 0.3468 looks on a white background.

Color Contrast Check

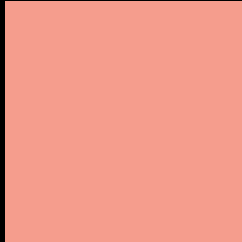
Large Text (above 18pt) WCAG AA × Fail

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 45.4495, 0.4160, 0.3468 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 45.4495, 0.4160, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 45.4495, 0.4160, 0.3468.



This preview shows how white text looks on a background with the Yxy color 45.4495, 0.4160, 0.3468.

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

45.4495, 0.4160, 0.3468

Protanopia

45.8567, 0.3448, 0.3658

Deuteranopia

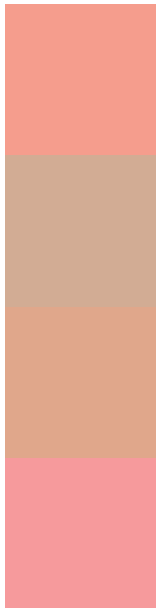
45.7192, 0.3801, 0.3723



Tritanopia

45.2732, 0.3949, 0.3162

Trichromacy



Original Color

45.4495, 0.4160, 0.3468

Protanomaly

45.3448, 0.3695, 0.3589

Deuteranomaly

45.3488, 0.3933, 0.3623

Tritanomaly

45.1043, 0.4029, 0.3271

Monochromacy



Original Color

45.4495, 0.4160, 0.3468

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0956, 0.3474, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4495, 0.4160, 0.3468 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(245, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(245, 157, 141)  
}
```

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(245, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 157, 141) }
```

Border

The CSS property to change the border of an element to Yxy 45.4495, 0.4160, 0.3468 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(245, 157, 141) }
```

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

```
.border{ border-color:rgb(245, 157, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 157, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(245, 157,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4495, 0.4160, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 157, 141) }
```

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

```
.background{ background-color: rgb(245,  
157, 141) }
```

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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