

Converting Colors

$Y_{xy}(45.5984, 0.4250, 0.3582)$

Have a look what the booklet for
Yxy(45.5984, 0.4250, 0.3582)
contains.

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Color

Yxy(45.5049, 0.4254, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	F59E83
RGB	245, 158, 131
RGB Percent	96%, 62%, 51%
CMY	0.0392, 0.3804, 0.4863
CMYK	0.00, 0.36, 0.47, 0.04
HSL	14°, 85%, 74%
HSV	14°, 47%, 96%
XYZ	53.9816, 45.5049, 27.4095
YIQ	180.9350, 60.5190, 10.0470

Conversions

Conversions Part 2

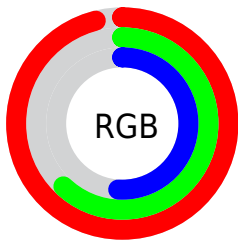
Format	Color
R _Y B	245, 166, 131
Decimal	16096899
CIE Lab	73.22, 29.49, 27.55
CIE LCh	73, 40.354, 43.056
Yxy	45.5049, 0.4254, 0.3586
Android (android.graphics.Color)	4294286979 (0xFFFF59E83)
YUV	180.9350, -24.6180, 56.1850
Hunter-Lab	67.4573, 24.7912, 23.1292

Details

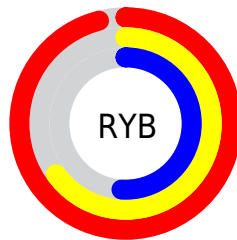
The Yxy color **45.5049, 0.4254, 0.3586** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.5619, 0.2447, 0.2959**, and the grayscale version is **46.2838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3092, 0.3658, 0.3590**, and **21.3413, 0.4579, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **39.0187, 0.4620, 0.3637**, and if you desaturate by 10%, it is **53.1231, 0.3932, 0.3524**.

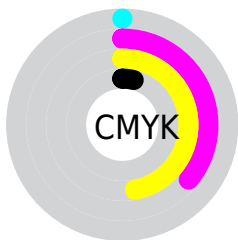
Distribution



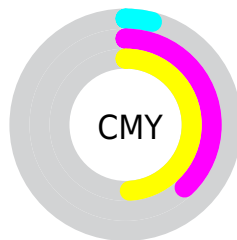
- Red (96%)
- Green (62%)
- Blue (51%)



- Red (96%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5049, 0.4254, 0.3586 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 45.5049, 0.4254, 0.3586 by changing the saturation by 10% instead.


 45.5049, 0.4254,
0.3586


 45.5049, 0.4254,
0.3586


368.8146, 0.3685,
0.3465

 31.8553, 0.4395,
0.3607


 83.4776, 0.4047,
0.3549

 21.2510, 0.4575,
0.3628


 108.5694, 0.3969,
0.3533

 13.3076, 0.4809,
0.3645


 138.2441, 0.3904,
0.3518

 7.6407, 0.5126,
0.3650

172.8861, 0.3847,
0.3505

 3.8659, 0.5567,
0.3616

212.8797, 0.3798,
0.3494

 1.5988, 0.6411,
0.3589

258.6094, 0.3756,

 0.3568, 0.7513,

0.3483

0.2487

310.4596, 0.3718,
0.3473

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.5049, 0.4254,
0.3586

45.5049, 0.4254,
0.3586

39.0187, 0.4620,
0.3637

53.1231, 0.3932,
0.3524

33.6027, 0.5018,
0.3668

61.9176, 0.3657,
0.3457

29.1995, 0.5418,
0.3666

71.9386, 0.3427,
0.3391

25.7429, 0.5778,
0.3624

83.2311, 0.3235,
0.3329

■ 23.1578, 0.6054,
0.3543

■ 95.8381, 0.3075,
0.3270

■ 22.4434, 0.6132,
0.3513

■ 98.1538, 0.3066,
0.3290

Harmonies

Analogous

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



45.5049, 0.4003, 0.3145



45.5049, 0.4254, 0.3586



45.5049, 0.4165, 0.4003

Triad

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



45.5049, 0.4254, 0.3586



45.5049, 0.2714, 0.3922



45.5049, 0.2443, 0.2395

Complementary

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



45.5049, 0.4254, 0.3586



61.5619, 0.2447, 0.2959

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.



45.5049, 0.2166, 0.2502



45.5049, 0.4254, 0.3586



45.5049, 0.2307, 0.3354

Square

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



45.5049, 0.4254, 0.3586



45.5049, 0.3256, 0.4282



45.5049, 0.2118, 0.2830



45.5049, 0.2915, 0.2492

Rectangle

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



45.5049, 0.4254, 0.3586



45.5049, 0.3940, 0.4215



45.5049, 0.2118, 0.2830



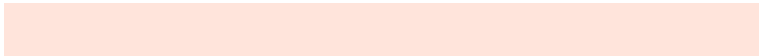
45.5049, 0.2326, 0.2407

Sweetspot

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



45.5072, 0.4254, 0.3586



81.7431, 0.3375, 0.3375



40.7289, 0.3428, 0.2387



16.9475, 0.3420, 0.3389



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.



45.5072, 0.4254, 0.3586



42.9998, 0.4604, 0.3636



69.4522, 0.3954, 0.4164



17.1196, 0.3288, 0.3347



12.2662, 0.6105, 0.3534



1.2303, 0.5867, 0.3724

Inverse Universe

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



61.5619, 0.2447, 0.2959



62.4833, 0.2333, 0.2878



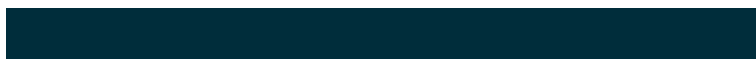
37.0479, 0.2312, 0.2216



18.0535, 0.2980, 0.3233



22.9144, 0.2029, 0.2505



2.1705, 0.2060, 0.2615

Previews

White Background



This preview shows how the Yxy color 45.5049, 0.4254, 0.3586 looks on a white background.

Color Contrast Check

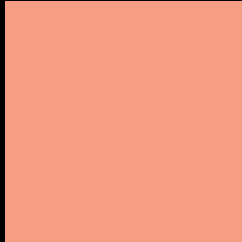
Large Text (above 18pt) WCAG AA × Fail

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 45.5049, 0.4254, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

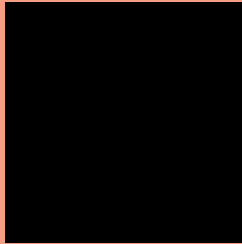
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5049, 0.4254, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 45.5049, 0.4254, 0.3586.



This preview shows how white text looks on a background with the Yxy color 45.5049, 0.4254, 0.3586.

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

45.5049, 0.4254, 0.3586

Protanopia

45.7721, 0.3560, 0.3801

Deuteranopia

45.7418, 0.3910, 0.3840



Tritanopia

45.4555, 0.3959, 0.3163

Trichromacy



Original Color

45.5049, 0.4254, 0.3586

Protanomaly

45.1601, 0.3805, 0.3725

Deuteranomaly

45.5978, 0.4031, 0.3750

Tritanomaly

45.5168, 0.4065, 0.3315

Monochromacy



Original Color

45.5049, 0.4254, 0.3586

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.3689, 0.3499, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5049, 0.4254, 0.3586 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, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(245, 158, 131)  
}
```

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, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 158, 131) }
```

Border

The CSS property to change the border of an element to Yxy 45.5049, 0.4254, 0.3586 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, 158, 131) }
```

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

```
.border{ border-color:rgb(245, 158, 131) }
```

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

Here you see how a box with a 4 pixel rgb(245, 158, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 158, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 158, 131);  
box-shadow:4px 4px 4px 4px rgb(245, 158,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5049, 0.4254, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 158, 131) }
```

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

```
.background{ background-color: rgb(245,  
158, 131) }
```

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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