

Converting Colors

$Y_{xy}(45.5444, 0.4210, 0.3578)$

Have a look what the booklet for
Yxy(45.5444, 0.4210, 0.3578)
contains.

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Color

Yxy(45.5444, 0.4210, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	F39F85
RGB	243, 159, 133
RGB Percent	95%, 62%, 52%
CMY	0.0471, 0.3764, 0.4784
CMYK	0.00, 0.35, 0.45, 0.05
HSL	14°, 82%, 74%
HSV	14°, 45%, 95%
XYZ	53.5891, 45.5444, 28.1566
YIQ	181.1520, 58.4100, 9.7220

Conversions

Conversions Part 2

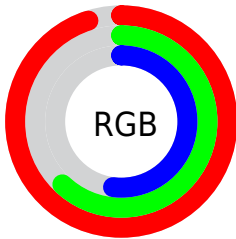
Format	Color
R _Y B	243, 167, 133
Decimal	15966085
CIE Lab	73.25, 28.37, 26.46
CIE LCh	73, 38.792, 43.003
Yxy	45.5444, 0.4210, 0.3578
Android (android.graphics.Color)	4294156165 (0xFFFF39F85)
YUV	181.1520, -23.7389, 54.2407
Hunter-Lab	67.4866, 23.6401, 22.5038

Details

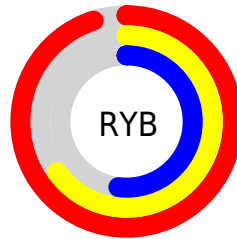
The Yxy color **45.5444, 0.4210, 0.3578** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.0646, 0.2463, 0.2970**, and the grayscale version is **46.4035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8983, 0.3641, 0.3579**, and **21.3303, 0.4520, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **39.0416, 0.4571, 0.3631**, and if you desaturate by 10%, it is **53.1645, 0.3894, 0.3515**.

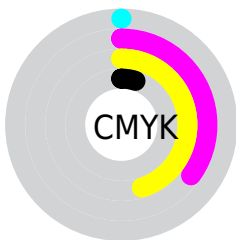
Distribution



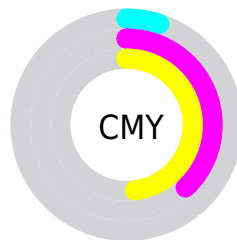
- Red (95%)
- Green (62%)
- Blue (52%)



- Red (95%)
- Yellow (65%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5444, 0.4210, 0.3578 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 45.5444, 0.4210, 0.3578 by changing the saturation by 10% instead.


 45.5444, 0.4210,
0.3578

 45.5444, 0.4210,
0.3578


368.9739, 0.3663,
0.3458

 31.8864, 0.4346,
0.3599


 83.5367, 0.4011,
0.3541

 21.2748, 0.4519,
0.3621


 108.6399, 0.3936,
0.3525

 13.3250, 0.4746,
0.3641


 138.3270, 0.3873,
0.3511

 7.6527, 0.5054,
0.3650

172.9823, 0.3819,
0.3498

 3.8736, 0.5484,
0.3624

212.9902, 0.3772,
0.3487

 1.6031, 0.6360,
0.3640

258.7352, 0.3731,

 0.3597, 0.7448,

0.3476

0.2552

310.6017, 0.3695,
0.3467

0.0000, 0.0000,
0.0000

45.5444, 0.4210,
0.3578

45.5444, 0.4210,
0.3578

39.0416, 0.4571,
0.3631

53.1645, 0.3894,
0.3515

33.5960, 0.4966,
0.3665

61.9448, 0.3625,
0.3448

29.1519, 0.5367,
0.3668

71.9343, 0.3400,
0.3383

25.6453, 0.5736,
0.3631

83.1768, 0.3213,
0.3321

23.0040, 0.6025,
0.3555

95.7143, 0.3057,
0.3263

■ 22.0249, 0.6132,
0.3513

■ 97.7913, 0.3053,
0.3290

Harmonies

Analogous

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



45.5444, 0.3968, 0.3152



45.5444, 0.4210, 0.3578



45.5444, 0.4127, 0.3979

Triad

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



45.5444, 0.4210, 0.3578



45.5444, 0.2732, 0.3896



45.5444, 0.2467, 0.2427

Complementary

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



45.5444, 0.4210, 0.3578



61.0646, 0.2463, 0.2970

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.



45.5444, 0.2199, 0.2531



45.5444, 0.4210, 0.3578



45.5444, 0.2337, 0.3354

Square

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



45.5444, 0.4210, 0.3578



45.5444, 0.3255, 0.4240



45.5444, 0.2153, 0.2851



45.5444, 0.2923, 0.2519

Rectangle

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



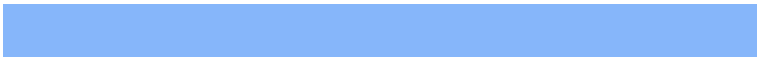
45.5444, 0.4210, 0.3578



45.5444, 0.3912, 0.4181



45.5444, 0.2153, 0.2851



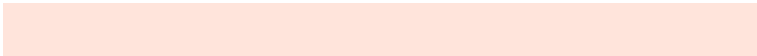
45.5444, 0.2354, 0.2438

Sweetspot

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



45.5467, 0.4210, 0.3578



81.7367, 0.3375, 0.3375



40.8530, 0.3417, 0.2411



16.9459, 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.



45.5467, 0.4210, 0.3578



44.3234, 0.4528, 0.3626



68.6626, 0.3929, 0.4141



17.1187, 0.3288, 0.3347



12.2617, 0.6106, 0.3534



1.2298, 0.5868, 0.3723

Inverse Universe

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



61.0646, 0.2463, 0.2970



63.4928, 0.2356, 0.2895



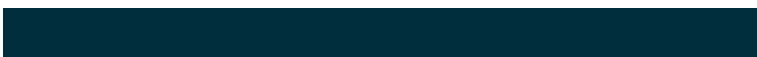
37.4132, 0.2336, 0.2251



18.0545, 0.2980, 0.3233



22.9324, 0.2030, 0.2507



2.1719, 0.2060, 0.2616

Previews

White Background



This preview shows how the Yxy color 45.5444, 0.4210, 0.3578 looks on a white background.

Color Contrast Check

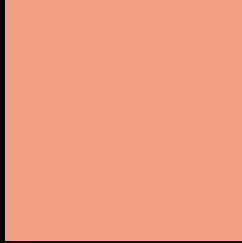
Large Text (above 18pt) WCAG AA × Fail

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 45.5444, 0.4210, 0.3578 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 45.5444, 0.4210, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 45.5444, 0.4210, 0.3578.



This preview shows how white text looks on a background with the Yxy color 45.5444, 0.4210, 0.3578.

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

45.5444, 0.4210, 0.3578

Protanopia

45.8020, 0.3551, 0.3788

Deuteranopia

45.7950, 0.3892, 0.3816



Tritanopia

45.4572, 0.3926, 0.3162

Trichromacy



Original Color

45.5444, 0.4210, 0.3578

Protanomaly

45.2180, 0.3787, 0.3700

Deuteranomaly

45.6515, 0.4012, 0.3727

Tritanomaly

45.5225, 0.4032, 0.3315

Monochromacy



Original Color

45.5444, 0.4210, 0.3578

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4048, 0.3490, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5444, 0.4210, 0.3578 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(243, 159, 133)` looks like.

```
.text, #text, p{  
    color:rgb(243, 159, 133)  
}
```

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(243, 159, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 159, 133) }
```

Border

The CSS property to change the border of an element to Yxy 45.5444, 0.4210, 0.3578 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(243, 159, 133) }
```

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

```
.border{ border-color:rgb(243, 159, 133) }
```

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

Here you see how a box with a 4 pixel rgb(243, 159, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 159, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 159, 133);  
box-shadow:4px 4px 4px 4px rgb(243, 159,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5444, 0.4210, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 159, 133) }
```

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

```
.background{ background-color: rgb(243,  
159, 133) }
```

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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