

Converting Colors

Yxy(50.9111, 0.4214, 0.3608)

Have a look what the booklet for
Yxy(50.9111, 0.4214, 0.3608)
contains.

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Color

Yxy(50.9111, 0.4214, 0.3608)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FEA88A |
| RGB | 254, 168, 138 |
| RGB Percent | 100%, 66%, 54% |
| CMY | 0.0039, 0.3411, 0.4589 |
| CMYK | 0.00, 0.34, 0.46, 0.00 |
| HSL | 16°, 98%, 77% |
| HSV | 16°, 46%, 100% |
| XYZ | 59.4621, 50.9111, 30.7329 |
| YIQ | 190.2940, 60.8860, 8.9020 |

Conversions

Conversions Part 2

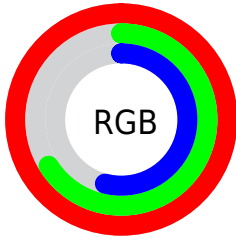
| Format | Color |
|-------------------------------------|--|
| RYB | 254, 178, 138 |
| Decimal | 16689290 |
| CIELab | 76.63, 28.39, 28.51 |
| CIElCh | 77, 40.229, 45.120 |
| Yxy | 50.9111, 0.4214, 0.3608 |
| Android (android.graphics.Color) | 4294879370 (0xFFFEA88A) |
| YUV | 190.2940, -25.7809, 55.8702 |
| Hunter-Lab | 71.3520, 23.8893, 24.4089 |

Details

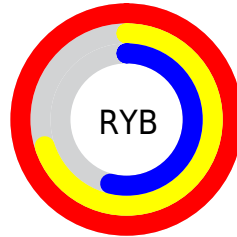
The Yxy color **50.9111, 0.4214, 0.3608** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65.8583, 0.2451, 0.2934**, and the grayscale version is **51.7972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3771, 0.3572, 0.3617**, and **24.4354, 0.4503, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **43.8059, 0.4570, 0.3666**, and if you desaturate by 10%, it is **59.1999, 0.3901, 0.3539**.

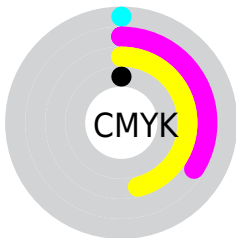
Distribution



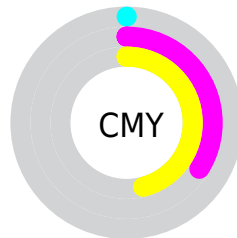
- Red (100%)
- Green (66%)
- Blue (54%)



- Red (100%)
- Yellow (70%)
- Blue (54%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9111, 0.4214, 0.3608 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 50.9111, 0.4214, 0.3608 by changing the saturation by 10% instead.


 50.9111, 0.4214,
0.3608


 50.9111, 0.4214,
0.3608


390.2183, 0.3675,
0.3477

 36.1379, 0.4345,
0.3632


 91.5234, 0.4021,
0.3567

 24.5407, 0.4509,
0.3657


 118.1312, 0.3947,
0.3550

 15.7352, 0.4722,
0.3680


 149.4526, 0.3885,
0.3534

 9.3370, 0.5005,
0.3697

185.8721, 0.3831,
0.3520

 4.9616, 0.5392,
0.3687

227.7740, 0.3784,
0.3508

 2.2248, 0.6215,
0.3766

275.5427, 0.3744,

 0.7334, 0.6742,

0.3496

0.3258

329.5627, 0.3707,
0.3486

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.9111, 0.4214,
0.3608

50.9111, 0.4214,
0.3608

43.8059, 0.4570,
0.3666

59.1999, 0.3901,
0.3539

37.8214, 0.4957,
0.3703

68.7160, 0.3633,
0.3466

32.9002, 0.5349,
0.3707

79.5105, 0.3408,
0.3395

28.9764, 0.5709,
0.3669

91.6288, 0.3220,
0.3327

■ 25.9752, 0.5991,
0.3588

99.8106, 0.3121,
0.3290

■ 24.9351, 0.6089,
0.3547

Harmonies

Analogous

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



50.9111, 0.3994, 0.3181



50.9111, 0.4214, 0.3608



50.9111, 0.4109, 0.4004

Triad

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



50.9111, 0.4214, 0.3608



50.9111, 0.2699, 0.3861



50.9111, 0.2494, 0.2428

Complementary

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



50.9111, 0.4214, 0.3608



65.8583, 0.2451, 0.2934

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.



50.9111, 0.2212, 0.2518



50.9111, 0.4214, 0.3608



50.9111, 0.2318, 0.3314

Square

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



50.9111, 0.4214, 0.3608



50.9111, 0.3216, 0.4226



50.9111, 0.2150, 0.2822



50.9111, 0.2961, 0.2533

Rectangle

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



50.9111, 0.4214, 0.3608



50.9111, 0.3882, 0.4197



50.9111, 0.2150, 0.2822



50.9111, 0.2377, 0.2435

Sweetspot

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



50.9136, 0.4214, 0.3608



82.1735, 0.3374, 0.3383



44.6805, 0.3440, 0.2419



17.0513, 0.3418, 0.3398



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.



50.9136, 0.4214, 0.3608



44.6387, 0.4545, 0.3663



76.7537, 0.3930, 0.4167



18.7510, 0.3288, 0.3352



13.3465, 0.6062, 0.3569



1.4671, 0.5843, 0.3742

Inverse Universe

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



65.8583, 0.2451, 0.2934



61.3588, 0.2336, 0.2847



40.1924, 0.2322, 0.2212



19.6390, 0.2980, 0.3227



23.0476, 0.2007, 0.2426



2.4207, 0.2038, 0.2536

Previews

White Background



This preview shows how the Yxy color 50.9111, 0.4214, 0.3608 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 50.9111, 0.4214, 0.3608 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 50.9111, 0.4214, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 50.9111, 0.4214, 0.3608.



This preview shows how white text looks on a background with the Yxy color 50.9111, 0.4214, 0.3608.

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

50.9111, 0.4214, 0.3608

Protanopia

51.0583, 0.3574, 0.3816

Deuteranopia

50.8046, 0.3913, 0.3827



Tritanopia

50.9455, 0.3875, 0.3166

Trichromacy



Original Color

50.9111, 0.4214, 0.3608



Protanomaly

50.4335, 0.3799, 0.3730



Deuteranomaly

50.6611, 0.4029, 0.3741



Tritanomaly

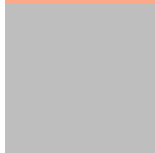
50.7789, 0.4008, 0.3324

Monochromacy



Original Color

50.9111, 0.4214, 0.3608



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

50.5423, 0.3490, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9111, 0.4214, 0.3608 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(254, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(254, 168, 138)  
}
```

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(254, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 168, 138) }
```

Border

The CSS property to change the border of an element to Yxy 50.9111, 0.4214, 0.3608 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(254, 168, 138) }
```

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

```
.border{ border-color:rgb(254, 168, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 168, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 168, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 168, 138);  
box-shadow:4px 4px 4px 4px rgb(254, 168,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9111, 0.4214, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 168, 138) }
```

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

```
.background{ background-color: rgb(254,  
168, 138) }
```

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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