

Converting Colors

$Y_{xy}(50.4743, 0.4437, 0.3951)$

Have a look what the booklet for
Yxy(50.4743, 0.4437, 0.3951)
contains.

Yxy(50.5114, 0.4431, 0.3952)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.5114, 0.4431, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	FAAB6B
RGB	250, 171, 107
RGB Percent	98%, 67%, 42%
CMY	0.0197, 0.3293, 0.5805
CMYK	0.00, 0.32, 0.57, 0.02
HSL	27°, 93%, 70%
HSV	27°, 57%, 98%
XYZ	56.6336, 50.5114, 20.6672
YIQ	187.3250, 67.6280, -3.1560

Conversions

Conversions Part 2

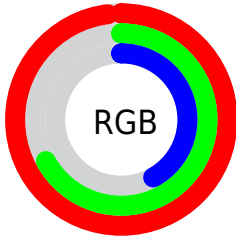
Format	Color
R _Y B	250, 223, 107
Decimal	16427883
CIE Lab	76.38, 22.54, 44.34
CIE LCh	76, 49.741, 63.051
Yxy	50.5114, 0.4431, 0.3952
Android (android.graphics.Color)	4294617963 (0xFFFAAB6B)
YUV	187.3250, -39.6002, 54.9660
Hunter-Lab	71.0714, 17.8638, 32.5087

Details

The Yxy color **50.5114, 0.4431, 0.3952** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.1133, 0.2233, 0.2466**, and the grayscale version is **50.0868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7362, 0.3785, 0.3971**, and **24.1994, 0.4766, 0.4054** is the 20% darker color. If you saturate the color by 10%, you get **45.1162, 0.4733, 0.4027**, and if you desaturate by 10%, it is **56.6082, 0.4141, 0.3850**.

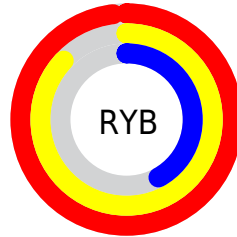
Distribution



Red (98%)

Green (67%)

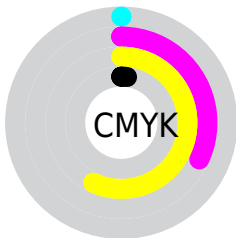
Blue (42%)



Red (98%)

Yellow (87%)

Blue (42%)

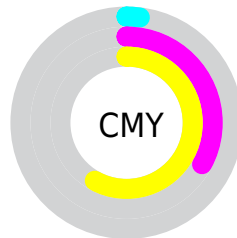


Cyan (0%)

Magenta (32%)

Yellow (57%)

Black (2%)



Cyan (2%)


Magenta (33%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5114, 0.4431, 0.3952 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 50.5114, 0.4431, 0.3952 by changing the saturation by 10% instead.


 50.5114, 0.4431,
0.3952

 50.5114, 0.4431,
0.3952


388.6625, 0.3797,
0.3670

 35.8199, 0.4577,
0.4004


 90.9321, 0.4208,
0.3863


 24.2951, 0.4756,
0.4059


 117.4302, 0.4122,
0.3825

 15.5527, 0.4977,
0.4113


 148.6325, 0.4048,
0.3792

 9.2082, 0.5251,
0.4153

 184.9235, 0.3984,
0.3762

 4.8772, 0.5700,
0.4230

226.6876, 0.3929,
0.3735

 2.1754, 0.5983,
0.4017

274.3092, 0.3880,

 0.7065, 0.6447,

0.3711

0.3553

328.1727, 0.3836,
0.3690

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5114, 0.4431,
0.3952

50.5114, 0.4431,
0.3952

45.1162, 0.4733,
0.4027

56.6082, 0.4141,
0.3850

40.3848, 0.5032,
0.4061

63.4269, 0.3875,
0.3733

36.2865, 0.5304,
0.4043

70.9958, 0.3636,
0.3610

32.7823, 0.5531,
0.3970

79.3396, 0.3426,
0.3488

■ 31.8980, 0.5589,
0.3944

■ 88.4814, 0.3243,
0.3370

■ 98.3165, 0.3097,
0.3279

■ 99.0595, 0.3096,
0.3290

Harmonies

Analogous

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



50.5114, 0.4414, 0.3444



50.5114, 0.4431, 0.3952



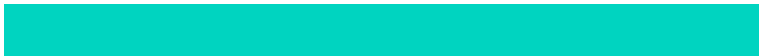
50.5114, 0.4075, 0.4374

Triad

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



50.5114, 0.4431, 0.3952



50.5114, 0.2291, 0.3595



50.5114, 0.2665, 0.2301

Complementary

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



50.5114, 0.4431, 0.3952



45.1133, 0.2233, 0.2466

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.



50.5114, 0.2190, 0.2259



50.5114, 0.4431, 0.3952



50.5114, 0.1990, 0.2918

Square

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



50.5114, 0.4431, 0.3952



50.5114, 0.2831, 0.4245



50.5114, 0.1959, 0.2455



50.5114, 0.3325, 0.2548

Rectangle

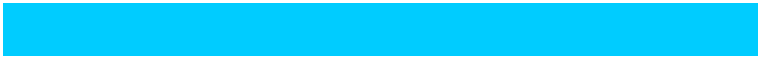
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5114, 0.4431, 0.3952



50.5114, 0.3697, 0.4521



50.5114, 0.1959, 0.2455



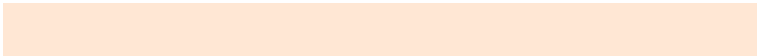
50.5114, 0.2482, 0.2262

Sweetspot

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



50.5139, 0.4431, 0.3952



83.1841, 0.3422, 0.3485



34.4609, 0.3850, 0.2468



17.4141, 0.3462, 0.3510



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.



50.5139, 0.4431, 0.3952



46.2285, 0.4790, 0.4037



83.9613, 0.3996, 0.4574



18.5051, 0.3283, 0.3397



17.2010, 0.5562, 0.3966



1.8012, 0.5358, 0.4128

Inverse Universe

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



45.1133, 0.2233, 0.2466



40.0127, 0.2079, 0.2257



22.6332, 0.2036, 0.1556



18.2321, 0.2980, 0.3181



13.5995, 0.1820, 0.1753



1.4712, 0.1876, 0.1952

Previews

White Background



This preview shows how the Yxy color 50.5114, 0.4431, 0.3952 looks on a white background.

Color Contrast Check

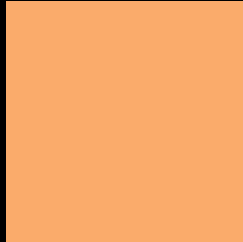
Large Text (above 18pt) WCAG AA × Fail

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 50.5114, 0.4431, 0.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

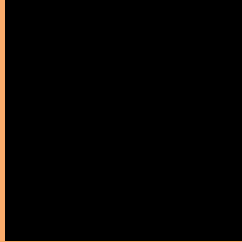
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5114, 0.4431, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 50.5114, 0.4431, 0.3952.



This preview shows how white text looks on a background with the Yxy color 50.5114, 0.4431, 0.3952.

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

50.5114, 0.4431, 0.3952

Protanopia

50.7093, 0.3876, 0.4215

Deuteranopia

50.6514, 0.4217, 0.4122



Tritanopia

50.5495, 0.3888, 0.3166

Trichromacy



Original Color

50.5114, 0.4431, 0.3952

Protanomaly

50.1332, 0.4077, 0.4111

Deuteranomaly

50.6620, 0.4292, 0.4058

Tritanomaly

50.3571, 0.4101, 0.3462

Monochromacy



Original Color

50.5114, 0.4431, 0.3952

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2180, 0.3577, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5114, 0.4431, 0.3952 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, 171, 107)` looks like.

```
.text, #text, p{  
    color:rgb(250, 171, 107)  
}
```

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, 171, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 171, 107) }
```

Border

The CSS property to change the border of an element to Yxy 50.5114, 0.4431, 0.3952 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, 171, 107) }
```

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

```
.border{ border-color:rgb(250, 171, 107) }
```

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

Here you see how a box with a 4 pixel rgb(250, 171, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 171, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 171, 107);  
box-shadow:4px 4px 4px 4px rgb(250, 171,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5114, 0.4431, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 171, 107) }
```

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

```
.background{ background-color: rgb(250,  
171, 107) }
```

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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