

Converting Colors

$Y_{xy}(44.1132, 0.4260, 0.3414)$

Have a look what the booklet for
Yxy(44.1132, 0.4260, 0.3414)
contains.

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Color

Yxy(44.0008, 0.4262, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	FA968B
RGB	250, 150, 139
RGB Percent	98%, 59%, 55%
CMY	0.0198, 0.4116, 0.4549
CMYK	0.00, 0.40, 0.44, 0.02
HSL	6°, 92%, 76%
HSV	6°, 44%, 98%
XYZ	54.9784, 44.0008, 30.0175
YIQ	178.6460, 63.1310, 17.7790

Conversions

Conversions Part 2

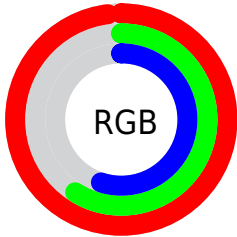
Format	Color
R _Y B	250, 151, 139
Decimal	16422539
CIE Lab	72.23, 36.30, 21.95
CIE LCh	72, 42.425, 31.160
Yxy	44.0008, 0.4262, 0.3411
Android (android.graphics.Color)	4294612619 (0xFFFA968B)
YUV	178.6460, -19.5455, 62.5775
Hunter-Lab	66.3331, 31.8621, 19.6028

Details

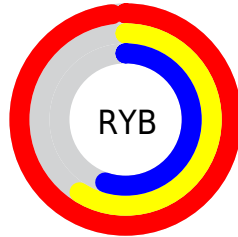
The Yxy color **44.0008, 0.4262, 0.3411** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.0692, 0.2506, 0.3160**, and the grayscale version is **44.9640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7729, 0.3610, 0.3415**, and **20.4038, 0.4586, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **36.8454, 0.4668, 0.3433**, and if you desaturate by 10%, it is **52.7073, 0.3914, 0.3384**.

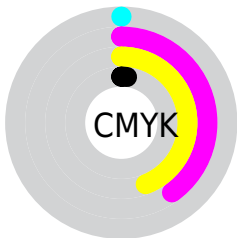
Distribution



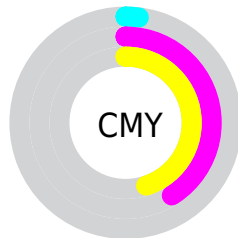
- Red (98%)
- Green (59%)
- Blue (55%)



- Red (98%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (2%)



- Cyan (2%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0008, 0.4262, 0.3411 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 44.0008, 0.4262, 0.3411 by changing the saturation by 10% instead.


 44.0008, 0.4262,
0.3411

 44.0008, 0.4262,
0.3411


362.7115, 0.3684,
0.3374

 30.6711, 0.4407,
0.3412


 81.2189, 0.4051,
0.3404

 20.3486, 0.4594,
0.3409


 105.8762, 0.3972,
0.3399

 12.6487, 0.4841,
0.3396

 135.0782, 0.3905,
0.3394

 7.1871, 0.5179,
0.3362

169.2091, 0.3848,
0.3390

 3.5794, 0.5663,
0.3278

208.6536, 0.3798,
0.3386

 1.4412, 0.6754,
0.3246

253.7959, 0.3755,

 0.2468, 0.8237,

0.3382

0.1763

305.0204, 0.3717,
0.3378

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.0008, 0.4262,
0.3411

44.0008, 0.4262,
0.3411

36.8454, 0.4668,
0.3433

52.7073, 0.3914,
0.3384

31.1437, 0.5116,
0.3444

63.0416, 0.3626,
0.3356

26.7977, 0.5568,
0.3439

75.0834, 0.3390,
0.3327

23.6941, 0.5964,
0.3414

88.9052, 0.3199,
0.3301

■ 21.7015, 0.6241,
0.3372

■ 99.0557, 0.3096,
0.3290

■ 21.0056, 0.6338,
0.3349

Harmonies

Analogous

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



44.0008, 0.3867, 0.2962



44.0008, 0.4262, 0.3411



44.0008, 0.4308, 0.3873

Triad

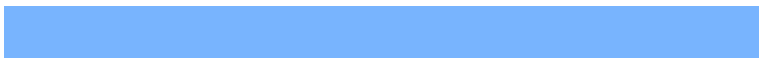
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.0008, 0.4262, 0.3411



44.0008, 0.2904, 0.4160



44.0008, 0.2260, 0.2362

Complementary

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



44.0008, 0.4262, 0.3411



74.0692, 0.2506, 0.3160

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.



44.0008, 0.2063, 0.2562



44.0008, 0.4262, 0.3411



44.0008, 0.2403, 0.3605

Square

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



44.0008, 0.4262, 0.3411



44.0008, 0.3494, 0.4394



44.0008, 0.2109, 0.2999



44.0008, 0.2682, 0.2384

Rectangle

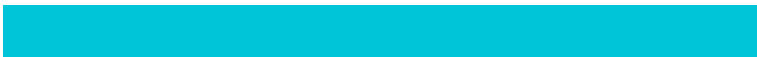
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0008, 0.4262, 0.3411



44.0008, 0.4143, 0.4142



44.0008, 0.2109, 0.2999



44.0008, 0.2168, 0.2403

Sweetspot

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



44.0030, 0.4262, 0.3411



80.4569, 0.3361, 0.3324



45.1118, 0.3258, 0.2280



16.5792, 0.3408, 0.3330



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.



44.0030, 0.4262, 0.3411



39.4696, 0.4610, 0.3430



65.2323, 0.3990, 0.3968



17.5029, 0.3292, 0.3314



11.2388, 0.6323, 0.3361



1.1307, 0.6170, 0.3483

Inverse Universe

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



74.0692, 0.2506, 0.3160



74.4393, 0.2414, 0.3131



47.1801, 0.2389, 0.2488



19.2959, 0.2980, 0.3266



32.3810, 0.2160, 0.2974



3.0819, 0.2171, 0.3015

Previews

White Background



This preview shows how the Yxy color 44.0008, 0.4262, 0.3411 looks on a white background.

Color Contrast Check

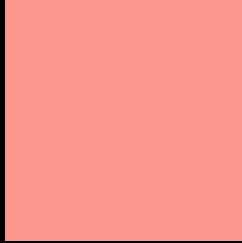
Large Text (above 18pt) WCAG AA × Fail

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 44.0008, 0.4262, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

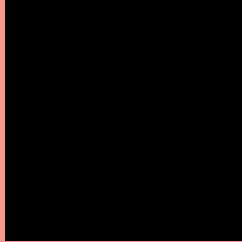
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0008, 0.4262, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 44.0008, 0.4262, 0.3411.



This preview shows how white text looks on a background with the Yxy color 44.0008, 0.4262, 0.3411.

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

44.0008, 0.4262, 0.3411

Protanopia

44.2761, 0.3427, 0.3623

Deuteranopia

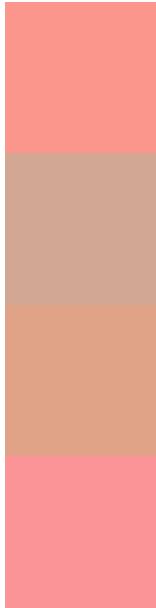
44.0540, 0.3812, 0.3729



Tritanopia

44.0315, 0.4093, 0.3176

Trichromacy



Original Color

44.0008, 0.4262, 0.3411

Protanomaly

43.4457, 0.3722, 0.3541

Deuteranomaly

43.8193, 0.3980, 0.3612

Tritanomaly

43.9234, 0.4155, 0.3261

Monochromacy



Original Color

44.0008, 0.4262, 0.3411

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.6647, 0.3511, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0008, 0.4262, 0.3411 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, 150, 139)` looks like.

```
.text, #text, p{  
    color:rgb(250, 150, 139)  
}
```

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, 150, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 150, 139) }
```

Border

The CSS property to change the border of an element to Yxy 44.0008, 0.4262, 0.3411 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, 150, 139) }
```

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

```
.border{ border-color:rgb(250, 150, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 150, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 150, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 150, 139); box-shadow:4px 4px 4px 4px rgb(250, 150, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0008, 0.4262, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 150, 139) }
```

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

```
.background{ background-color: rgb(250,  
150, 139) }
```

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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