

Converting Colors

$Y_{xy}(50.2030, 0.4123, 0.3470)$

Have a look what the booklet for
Yxy(50.2030, 0.4123, 0.3470)
contains.

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Color

Yxy(50.1510, 0.4125, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	FEA595
RGB	254, 165, 149
RGB Percent	100%, 65%, 58%
CMY	0.0039, 0.3529, 0.4158
CMYK	0.00, 0.35, 0.41, 0.00
HSL	9°, 98%, 79%
HSV	9°, 41%, 100%
XYZ	59.7553, 50.1510, 34.9550
YIQ	189.7870, 58.1800, 13.8920

Conversions

Conversions Part 2

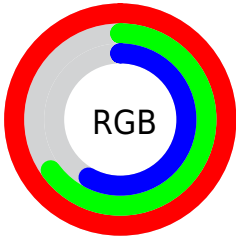
Format	Color
R_{YB}	254, 168, 149
Decimal	16688533
CIE _{Lab}	76.16, 31.08, 21.95
CIE _{LCh}	76, 38.056, 35.233
Yxy	50.1510, 0.4125, 0.3462
Android (android.graphics.Color)	4294878613 (0xFFFEA595)
YUV	189.7870, -20.1080, 56.3148
Hunter-Lab	70.8174, 26.6869, 20.3070

Details

The Yxy color **50.1510, 0.4125, 0.3462** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.6881, 0.2530, 0.3105**, and the grayscale version is **51.4570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2847, 0.3500, 0.3474**, and **24.0723, 0.4410, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **42.3058, 0.4498, 0.3499**, and if you desaturate by 10%, it is **59.4850, 0.3807, 0.3420**.

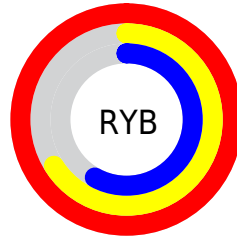
Distribution



Red (100%)

Green (65%)

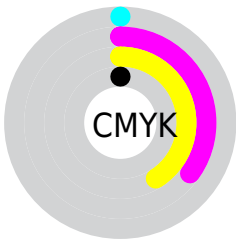
Blue (58%)



Red (100%)

Yellow (66%)

Blue (58%)

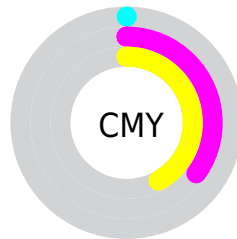


Cyan (0%)

Magenta (35%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1510, 0.4125, 0.3462 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 50.1510, 0.4125, 0.3462 by changing the saturation by 10% instead.


 50.1510, 0.4125,
0.3462

 50.1510, 0.4125,
0.3462


387.2562, 0.3627,
0.3397

 35.5334, 0.4247,
0.3472


 90.3986, 0.3945,
0.3443

 24.0740, 0.4403,
0.3481


 116.7973, 0.3877,
0.3435

 15.3886, 0.4606,
0.3486


147.8919, 0.3820,
0.3427

 9.0925, 0.4881,
0.3482

184.0667, 0.3770,
0.3420

 4.8016, 0.5270,
0.3452

225.7061, 0.3728,
0.3413

 2.1313, 0.5936,
0.3404

273.1946, 0.3690,

 0.6822, 0.6935,

0.3407

0.3065

326.9165, 0.3657,
0.3402

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1510, 0.4125,
0.3462

50.1510, 0.4125,
0.3462

42.3058, 0.4498,
0.3499

59.4850, 0.3807,
0.3420

35.8650, 0.4916,
0.3523

70.3717, 0.3543,
0.3376

30.7470, 0.5355,
0.3528

82.8803, 0.3326,
0.3334

26.8586, 0.5766,
0.3505

97.0738, 0.3149,
0.3295

■ 24.0941, 0.6092,
0.3454

99.8134, 0.3121,
0.3290

■ 22.5080, 0.6278,
0.3397

Harmonies

Analogous

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



50.1510, 0.3822, 0.3060



50.1510, 0.4125, 0.3462



50.1510, 0.4127, 0.3859

Triad

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



50.1510, 0.4125, 0.3462



50.1510, 0.2875, 0.3974



50.1510, 0.2412, 0.2473

Complementary

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



50.1510, 0.4125, 0.3462



74.6881, 0.2530, 0.3105

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.



50.1510, 0.2209, 0.2628



50.1510, 0.4125, 0.3462



50.1510, 0.2455, 0.3490

Square

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



50.1510, 0.4125, 0.3462



50.1510, 0.3384, 0.4223



50.1510, 0.2222, 0.2985



50.1510, 0.2808, 0.2514

Rectangle

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



50.1510, 0.4125, 0.3462



50.1510, 0.3967, 0.4075



50.1510, 0.2222, 0.2985



50.1510, 0.2321, 0.2502

Sweetspot

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



50.1535, 0.4125, 0.3462



82.7398, 0.3339, 0.3337



48.7499, 0.3308, 0.2404



17.3395, 0.3365, 0.3342



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.



50.1535, 0.4125, 0.3462



43.6571, 0.4445, 0.3494



72.9981, 0.3891, 0.3990



18.4342, 0.3291, 0.3327



11.9961, 0.6258, 0.3413



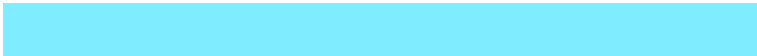
1.2927, 0.6071, 0.3561

Inverse Universe

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



74.6881, 0.2530, 0.3105



71.5029, 0.2428, 0.3060



48.5530, 0.2426, 0.2465



19.9815, 0.2980, 0.3253



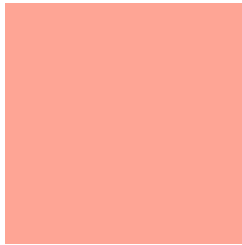
29.6399, 0.2110, 0.2797



3.0080, 0.2127, 0.2859

Previews

White Background



This preview shows how the Yxy color 50.1510, 0.4125, 0.3462 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 50.1510, 0.4125, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

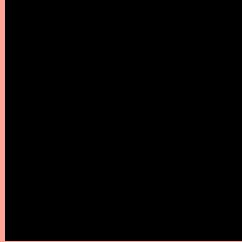
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1510, 0.4125, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 50.1510, 0.4125, 0.3462.



This preview shows how white text looks on a background with the Yxy color 50.1510, 0.4125, 0.3462.

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

50.1510, 0.4125, 0.3462

Protanopia

50.5103, 0.3435, 0.3644

Deuteranopia

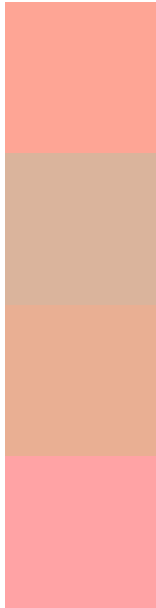
50.4952, 0.3782, 0.3706



Tritanopia

50.1567, 0.3901, 0.3166

Trichromacy



Original Color

50.1510, 0.4125, 0.3462

Protanomaly

49.9482, 0.3671, 0.3579

Deuteranomaly

50.0902, 0.3908, 0.3611

Tritanomaly

50.1710, 0.3986, 0.3271

Monochromacy



Original Color

50.1510, 0.4125, 0.3462

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.2890, 0.3458, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1510, 0.4125, 0.3462 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, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 149)  
}
```

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, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 149) }
```

Border

The CSS property to change the border of an element to Yxy 50.1510, 0.4125, 0.3462 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, 165, 149) }
```

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

```
.border{ border-color:rgb(254, 165, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 165, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1510, 0.4125, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 149) }
```

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

```
.background{ background-color: rgb(254,  
165, 149) }
```

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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