

Converting Colors

Yxy(49.0442, 0.4131, 0.3500)

Have a look what the booklet for
Yxy(49.0442, 0.4131, 0.3500)
contains.

Yxy(48.9192, 0.4132, 0.3496)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.9192, 0.4132, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	FAA491
RGB	250, 164, 145
RGB Percent	98%, 64%, 57%
CMY	0.0195, 0.3569, 0.4313
CMYK	0.00, 0.34, 0.42, 0.02
HSL	11°, 91%, 77%
HSV	11°, 42%, 98%
XYZ	57.8187, 48.9192, 33.1912
YIQ	187.5480, 57.3550, 12.3230

Conversions

Conversions Part 2

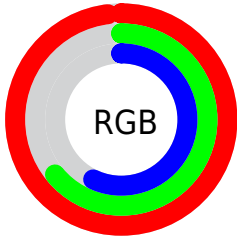
Format	Color
R _Y B	250, 168, 145
Decimal	16426129
CIE Lab	75.40, 29.69, 22.99
CIE LCh	75, 37.545, 37.751
Yxy	48.9192, 0.4132, 0.3496
Android (android.graphics.Color)	4294616209 (0xFFFAA491)
YUV	187.5480, -20.9762, 54.7704
Hunter-Lab	69.9423, 25.1604, 20.8235

Details

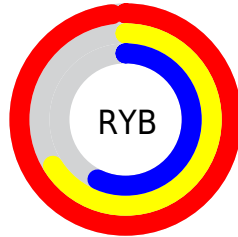
The Yxy color **48.9192, 0.4132, 0.3496** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.1083, 0.2517, 0.3067**, and the grayscale version is **50.1186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5699, 0.3531, 0.3505**, and **23.2534, 0.4424, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **41.4824, 0.4498, 0.3539**, and if you desaturate by 10%, it is **57.7115, 0.3818, 0.3446**.

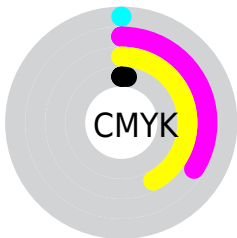
Distribution



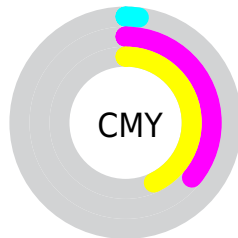
- Red (98%)
- Green (64%)
- Blue (57%)



- Red (98%)
- Yellow (66%)
- Blue (57%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9192, 0.4132, 0.3496 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 48.9192, 0.4132, 0.3496 by changing the saturation by 10% instead.


 48.9192, 0.4132,
0.3496


 48.9192, 0.4132,
0.3496


382.4241, 0.3629,
0.3414

 34.5554, 0.4256,
0.3510


 88.5714, 0.3950,
0.3471

 23.3206, 0.4414,
0.3523


 114.6287, 0.3881,
0.3461

 14.8304, 0.4620,
0.3534


145.3525, 0.3823,
0.3451

 8.7004, 0.4900,
0.3536

181.1272, 0.3773,
0.3442

 4.5463, 0.5296,
0.3512

222.3374, 0.3730,
0.3434

 1.9836, 0.6048,
0.3510

269.3674, 0.3692,

 0.5979, 0.6975,

0.3427

0.3025

322.6015, 0.3659,
0.3420

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.9192, 0.4132,
0.3496

48.9192, 0.4132,
0.3496

41.4824, 0.4498,
0.3539

57.7115, 0.3818,
0.3446

35.3262, 0.4908,
0.3568

67.9149, 0.3555,
0.3395

30.3793, 0.5335,
0.3574

79.5907, 0.3338,
0.3346

26.5603, 0.5736,
0.3549

92.7945, 0.3159,
0.3299

■ 23.7772, 0.6057,
0.3491

■ 99.0687, 0.3096,
0.3290

■ 22.2185, 0.6235,
0.3431

Harmonies

Analogous

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



48.9192, 0.3854, 0.3093



48.9192, 0.4132, 0.3496



48.9192, 0.4109, 0.3887

Triad

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



48.9192, 0.4132, 0.3496



48.9192, 0.2836, 0.3936



48.9192, 0.2442, 0.2473

Complementary

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



48.9192, 0.4132, 0.3496



70.1083, 0.2517, 0.3067

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.



48.9192, 0.2222, 0.2610



48.9192, 0.4132, 0.3496



48.9192, 0.2431, 0.3445

Square

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



48.9192, 0.4132, 0.3496



48.9192, 0.3341, 0.4209



48.9192, 0.2217, 0.2950



48.9192, 0.2850, 0.2529

Rectangle

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



48.9192, 0.4132, 0.3496



48.9192, 0.3935, 0.4094



48.9192, 0.2217, 0.2950



48.9192, 0.2346, 0.2496

Sweetspot

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



48.9216, 0.4132, 0.3496



81.9241, 0.3358, 0.3350



46.4421, 0.3327, 0.2407



16.9363, 0.3403, 0.3361



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.



48.9216, 0.4132, 0.3496



44.7890, 0.4423, 0.3532



70.9869, 0.3896, 0.4017



17.7322, 0.3290, 0.3334



11.9297, 0.6212, 0.3449



1.2391, 0.6003, 0.3616

Inverse Universe

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



70.1083, 0.2517, 0.3067



69.4645, 0.2420, 0.3017



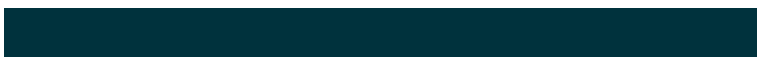
45.5772, 0.2411, 0.2428



19.0438, 0.2980, 0.3246



26.9740, 0.2084, 0.2701



2.6326, 0.2105, 0.2779

Previews

White Background



This preview shows how the Yxy color 48.9192, 0.4132, 0.3496 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 48.9192, 0.4132, 0.3496 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 48.9192, 0.4132, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 48.9192, 0.4132, 0.3496.



This preview shows how white text looks on a background with the Yxy color 48.9192, 0.4132, 0.3496.

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

48.9192, 0.4132, 0.3496

Protanopia

49.2201, 0.3463, 0.3686

Deuteranopia

49.2533, 0.3807, 0.3734



Tritanopia

48.8156, 0.3900, 0.3165

Trichromacy



Original Color

48.9192, 0.4132, 0.3496

Protanomaly

48.6741, 0.3703, 0.3618

Deuteranomaly

49.0783, 0.3921, 0.3649

Tritanomaly

48.6076, 0.3987, 0.3282

Monochromacy



Original Color

48.9192, 0.4132, 0.3496

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.0676, 0.3470, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9192, 0.4132, 0.3496 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, 164, 145)` looks like.

```
.text, #text, p{  
    color:rgb(250, 164, 145)  
}
```

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, 164, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 164, 145) }
```

Border

The CSS property to change the border of an element to Yxy 48.9192, 0.4132, 0.3496 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, 164, 145) }
```

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

```
.border{ border-color:rgb(250, 164, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 164, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 164, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 164, 145);  
box-shadow:4px 4px 4px 4px rgb(250, 164,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9192, 0.4132, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 164, 145) }
```

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

```
.background{ background-color: rgb(250,  
164, 145) }
```

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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