

Converting Colors

$Y_{xy}(52.6669, 0.4286, 0.3468)$

Have a look what the booklet for
Yxy(52.6669, 0.4286, 0.3468)
contains.

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Color

Yxy(49.8862, 0.4167, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	FFA492
RGB	255, 164, 146
RGB Percent	100%, 64%, 57%
CMY	0.0001, 0.3568, 0.4274
CMYK	0.00, 0.36, 0.43, 0.00
HSL	10°, 100%, 79%
HSV	10°, 43%, 100%
XYZ	59.7001, 49.8862, 33.6825
YIQ	189.1570, 60.0140, 13.6940

Conversions

Conversions Part 2

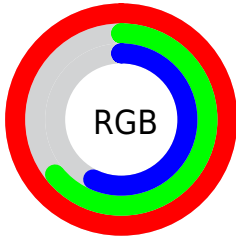
Format	Color
R_{YB}	255, 168, 146
Decimal	16753810
CIE _{Lab}	76.00, 31.65, 23.36
CIE _{LCh}	76, 39.338, 36.424
Yxy	49.8862, 0.4167, 0.3482
Android (android.graphics.Color)	4294943890 (0xFFFFA492)
YUV	189.1570, -21.2764, 57.7443
Hunter-Lab	70.6302, 27.2743, 21.1666

Details

The Yxy color **49.8862, 0.4167, 0.3482** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.8909, 0.2510, 0.3082**, and the grayscale version is **51.0839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6165, 0.3524, 0.3495**, and **23.7972, 0.4457, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **42.1887, 0.4543, 0.3521**, and if you desaturate by 10%, it is **59.0407, 0.3845, 0.3437**.

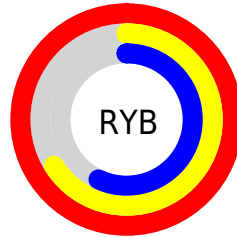
Distribution



Red (100%)

Green (64%)

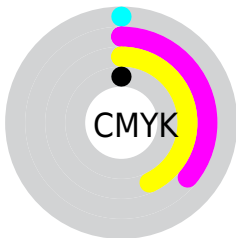
Blue (57%)



Red (100%)

Yellow (66%)

Blue (57%)

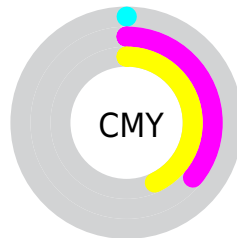


Cyan (0%)

Magenta (36%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8862, 0.4167, 0.3482 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 49.8862, 0.4167, 0.3482 by changing the saturation by 10% instead.


 49.8862, 0.4167,
0.3482


 49.8862, 0.4167,
0.3482


386.2207, 0.3648,
0.3409

 35.3230, 0.4294,
0.3493


 90.0062, 0.3980,
0.3461

 23.9118, 0.4456,
0.3503


 116.3319, 0.3909,
0.3451

 15.2682, 0.4667,
0.3509


147.3471, 0.3849,
0.3442

 9.0078, 0.4952,
0.3505

183.4363, 0.3797,
0.3434

 4.7463, 0.5352,
0.3472

224.9838, 0.3753,
0.3427

 2.0992, 0.6076,
0.3440

272.3742, 0.3714,

 0.6642, 0.6985,

0.3420

0.3015

325.9917, 0.3679,
0.3414

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.8862, 0.4167,
0.3482

49.8862, 0.4167,
0.3482

42.1887, 0.4543,
0.3521

59.0407, 0.3845,
0.3437

35.8655, 0.4961,
0.3545

69.7147, 0.3575,
0.3390

30.8369, 0.5395,
0.3547

81.9759, 0.3353,
0.3344

27.0117, 0.5795,
0.3520

95.8857, 0.3171,
0.3301

■ 24.2862, 0.6107,
0.3462

99.9968, 0.3127,
0.3290

■ 22.9210, 0.6260,
0.3411

Harmonies

Analogous

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



49.8862, 0.3865, 0.3067



49.8862, 0.4167, 0.3482



49.8862, 0.4155, 0.3890

Triad

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



49.8862, 0.4167, 0.3482



49.8862, 0.2845, 0.3984



49.8862, 0.2402, 0.2444

Complementary

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



49.8862, 0.4167, 0.3482



73.8909, 0.2510, 0.3082

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.



49.8862, 0.2184, 0.2594



49.8862, 0.4167, 0.3482



49.8862, 0.2419, 0.3474

Square

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



49.8862, 0.4167, 0.3482



49.8862, 0.3370, 0.4254



49.8862, 0.2188, 0.2954



49.8862, 0.2816, 0.2495

Rectangle

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



49.8862, 0.4167, 0.3482



49.8862, 0.3981, 0.4112



49.8862, 0.2188, 0.2954



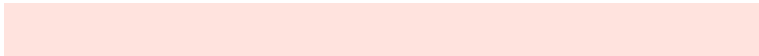
49.8862, 0.2305, 0.2471

Sweetspot

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



49.8887, 0.4167, 0.3482



81.6423, 0.3359, 0.3345



48.0301, 0.3316, 0.2375



16.8676, 0.3404, 0.3355



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.



49.8887, 0.4167, 0.3482



43.4302, 0.4474, 0.3515



72.8783, 0.3921, 0.4013



18.4716, 0.3290, 0.3330



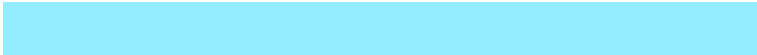
12.1198, 0.6239, 0.3428



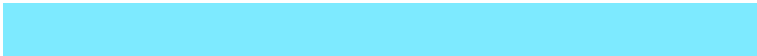
1.3103, 0.6047, 0.3581

Inverse Universe

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



73.8909, 0.2510, 0.3082



70.1485, 0.2414, 0.3035



47.6765, 0.2401, 0.2432



19.9405, 0.2980, 0.3250



28.7967, 0.2098, 0.2754



2.9337, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 49.8862, 0.4167, 0.3482 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 49.8862, 0.4167, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

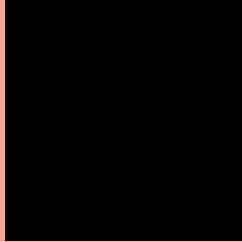
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8862, 0.4167, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 49.8862, 0.4167, 0.3482.



This preview shows how white text looks on a background with the Yxy color 49.8862, 0.4167, 0.3482.

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

49.8862, 0.4167, 0.3482

Protanopia

49.9807, 0.3462, 0.3670

Deuteranopia

49.9978, 0.3812, 0.3730



Tritanopia

49.7669, 0.3914, 0.3166

Trichromacy



Original Color

49.8862, 0.4167, 0.3482

Protanomaly

49.6002, 0.3710, 0.3602

Deuteranomaly

49.6094, 0.3939, 0.3634

Tritanomaly

49.7450, 0.4010, 0.3282

Monochromacy



Original Color

49.8862, 0.4167, 0.3482

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8058, 0.3477, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8862, 0.4167, 0.3482 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(255, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 146)  
}
```

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(255, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 146) }
```

Border

The CSS property to change the border of an element to Yxy 49.8862, 0.4167, 0.3482 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(255, 164, 146) }
```

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

```
.border{ border-color:rgb(255, 164, 146) }
```

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

Here you see how a box with a 4 pixel rgb(255, 164, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8862, 0.4167, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 146) }
```

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

```
.background{ background-color: rgb(255,  
164, 146) }
```

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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