

Converting Colors

$Y_{xy}(49.7819, 0.4131, 0.3433)$

Have a look what the booklet for
Yxy(49.7819, 0.4131, 0.3433)
contains.

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Color

Yxy(49.6564, 0.4133, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	FFA396
RGB	255, 163, 150
RGB Percent	100%, 64%, 59%
CMY	0.0001, 0.3607, 0.4118
CMYK	0.00, 0.36, 0.41, 0.00
HSL	7°, 100%, 79%
HSV	7°, 41%, 100%
XYZ	59.8338, 49.6564, 35.2807
YIQ	189.0260, 59.0050, 15.4610

Conversions

Conversions Part 2

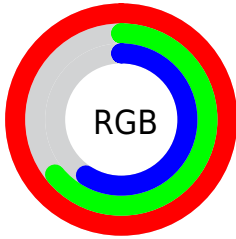
Format	Color
R_{YB}	255, 165, 150
Decimal	16753558
CIE _{Lab}	75.86, 32.58, 21.01
CIE _{LCh}	76, 38.767, 32.811
Yxy	49.6564, 0.4133, 0.3430
Android (android.graphics.Color)	4294943638 (0xFFFFA396)
YUV	189.0260, -19.2398, 57.8592
Hunter-Lab	70.4673, 28.2466, 19.6426

Details

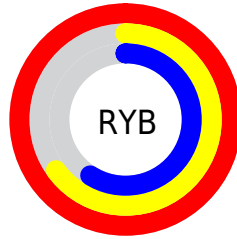
The Yxy color **49.6564, 0.4133, 0.3430** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.1693, 0.2538, 0.3141**, and the grayscale version is **50.9928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2827, 0.3497, 0.3444**, and **23.7885, 0.4423, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **41.6811, 0.4514, 0.3460**, and if you desaturate by 10%, it is **59.2155, 0.3810, 0.3396**.

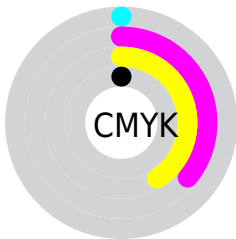
Distribution



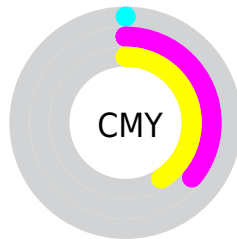
- Red (100%)
- Green (64%)
- Blue (59%)



- Red (100%)
- Yellow (65%)
- Blue (59%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (0%)




- Cyan (0%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6564, 0.4133, 0.3430 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 49.6564, 0.4133, 0.3430 by changing the saturation by 10% instead.


 49.6564, 0.4133,
0.3430

 49.6564, 0.4133,
0.3430


385.3207, 0.3630,
0.3380

 35.1405, 0.4257,
0.3436


 89.6656, 0.3951,
0.3417

 23.7711, 0.4414,
0.3440

 115.9276, 0.3883,
0.3410

 15.1639, 0.4621,
0.3440


146.8738, 0.3825,
0.3404

 8.9345, 0.4901,
0.3428

182.8885, 0.3775,
0.3399

 4.6985, 0.5298,
0.3388

224.3562, 0.3731,
0.3394

 2.0715, 0.5973,
0.3318

271.6612, 0.3694,

 0.6485, 0.7050,

0.3389

0.2950

325.1879, 0.3660,
0.3384

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.6564, 0.4133,
0.3430

49.6564, 0.4133,
0.3430

41.6811, 0.4514,
0.3460

59.2155, 0.3810,
0.3396

35.1970, 0.4943,
0.3479

70.4301, 0.3542,
0.3360

30.1130, 0.5392,
0.3482

83.3761, 0.3324,
0.3326

26.3250, 0.5810,
0.3461

98.1228, 0.3146,
0.3294

■ 23.7140, 0.6134,
0.3416

99.9946, 0.3127,
0.3290

■ 22.2690, 0.6314,
0.3369

Harmonies

Analogous

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



49.6564, 0.3802, 0.3023



49.6564, 0.4133, 0.3430



49.6564, 0.4160, 0.3839

Triad

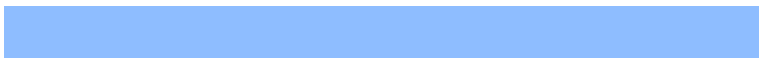
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.6564, 0.4133, 0.3430



49.6564, 0.2909, 0.4023



49.6564, 0.2373, 0.2461

Complementary

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



49.6564, 0.4133, 0.3430



77.1693, 0.2538, 0.3141

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.



49.6564, 0.2183, 0.2635



49.6564, 0.4133, 0.3430



49.6564, 0.2469, 0.3538

Square

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



49.6564, 0.4133, 0.3430



49.6564, 0.3430, 0.4251



49.6564, 0.2215, 0.3015



49.6564, 0.2762, 0.2488

Rectangle

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



49.6564, 0.4133, 0.3430



49.6564, 0.4010, 0.4068



49.6564, 0.2215, 0.3015



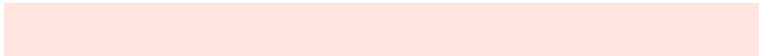
49.6564, 0.2286, 0.2496

Sweetspot

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



49.6588, 0.4133, 0.3430



82.2598, 0.3340, 0.3328



49.5187, 0.3277, 0.2377



17.2275, 0.3367, 0.3333



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.



49.6588, 0.4133, 0.3430



43.2959, 0.4426, 0.3454



71.9192, 0.3902, 0.3954



18.3502, 0.3291, 0.3320



11.7515, 0.6296, 0.3383



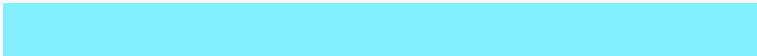
1.2534, 0.6128, 0.3517

Inverse Universe

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



77.1693, 0.2538, 0.3141



73.9893, 0.2448, 0.3108



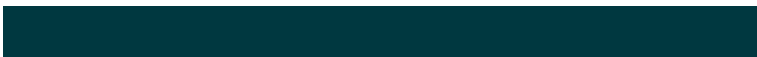
50.6293, 0.2436, 0.2513



20.0738, 0.2980, 0.3260



31.5965, 0.2137, 0.2892



3.1798, 0.2151, 0.2942

Previews

White Background



This preview shows how the Yxy color 49.6564, 0.4133, 0.3430 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 49.6564, 0.4133, 0.3430 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 49.6564, 0.4133, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 49.6564, 0.4133, 0.3430.



This preview shows how white text looks on a background with the Yxy color 49.6564, 0.4133, 0.3430.

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

49.6564, 0.4133, 0.3430

Protanopia

50.0196, 0.3412, 0.3607

Deuteranopia

49.8092, 0.3759, 0.3685



Tritanopia

49.7283, 0.3924, 0.3177

Trichromacy



Original Color

49.6564, 0.4133, 0.3430

Protanomaly

49.2148, 0.3659, 0.3531

Deuteranomaly

49.5660, 0.3893, 0.3590

Tritanomaly

49.7810, 0.4000, 0.3272

Monochromacy



Original Color

49.6564, 0.4133, 0.3430

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8838, 0.3460, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6564, 0.4133, 0.3430 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, 163, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 150)  
}
```

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, 163, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 150) }
```

Border

The CSS property to change the border of an element to Yxy 49.6564, 0.4133, 0.3430 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, 163, 150) }
```

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

```
.border{ border-color:rgb(255, 163, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6564, 0.4133, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 150) }
```

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

```
.background{ background-color: rgb(255,  
163, 150) }
```

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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