

Converting Colors

$Yxy(84.8039, 0.5258, 0.3480)$

Have a look what the booklet for
Yxy(84.8039, 0.5258, 0.3480)
contains.

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Color

Yxy(48.7124, 0.4331, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	FFA282
RGB	255, 162, 130
RGB Percent	100%, 64%, 51%
CMY	0.0001, 0.3646, 0.4903
CMYK	0.00, 0.36, 0.49, 0.00
HSL	15°, 100%, 75%
HSV	15°, 49%, 100%
XYZ	58.1835, 48.7124, 27.4461
YIQ	186.1590, 65.7000, 9.7640

Conversions

Conversions Part 2

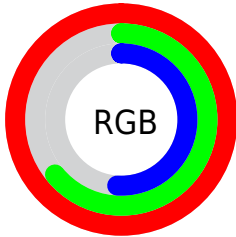
Format	Color
R_{YB}	255, 173, 130
Decimal	16753282
CIE _{Lab}	75.27, 31.13, 31.03
CIE _{LCh}	75, 43.952, 44.904
Yxy	48.7124, 0.4331, 0.3626
Android (android.graphics.Color)	4294943362 (0xFFFFA282)
YUV	186.1590, -27.6864, 60.3736
Hunter-Lab	69.7943, 26.6653, 25.5406

Details

The Yxy color **48.7124, 0.4331, 0.3626** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **64.7062, 0.2409, 0.2907**, and the grayscale version is **49.3280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3046, 0.3655, 0.3640**, and **23.1186, 0.4667, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **41.9276, 0.4700, 0.3678**, and if you desaturate by 10%, it is **56.6791, 0.4002, 0.3560**.

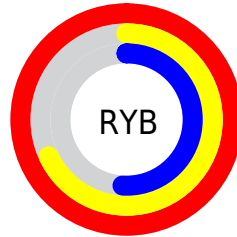
Distribution



Red (100%)

Green (64%)

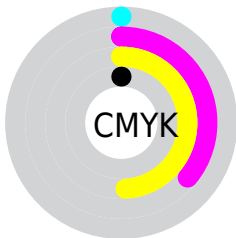
Blue (51%)



Red (100%)

Yellow (68%)

Blue (51%)

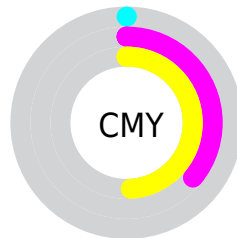


Cyan (0%)

Magenta (36%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7124, 0.4331, 0.3626 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 48.7124, 0.4331, 0.3626 by changing the saturation by 10% instead.

 48.7124, 0.4331,
0.3626


 48.7124, 0.4331,
0.3626


381.6090, 0.3731,
0.3491


 34.3914, 0.4477,
0.3648


 88.2642, 0.4115,
0.3585

 23.1944, 0.4660,
0.3670


 114.2637, 0.4033,
0.3567

 14.7371, 0.4897,
0.3688


 144.9249, 0.3964,
0.3551

 8.6351, 0.5210,
0.3691

180.6321, 0.3904,
0.3537

 4.5040, 0.5634,
0.3654

221.7697, 0.3852,
0.3524

 1.9593, 0.6394,
0.3606

268.7221, 0.3807,

 0.5836, 0.7071,

0.3512

0.2929

321.8738, 0.3767,
0.3501

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7124, 0.4331,
0.3626

48.7124, 0.4331,
0.3626

41.9276, 0.4700,
0.3678

56.6791, 0.4002,
0.3560

36.2596, 0.5094,
0.3704

65.8740, 0.3719,
0.3489

31.6480, 0.5481,
0.3695

76.3496, 0.3479,
0.3417

28.0230, 0.5820,
0.3642

88.1533, 0.3279,
0.3348

■ 25.3010, 0.6073,
0.3551

99.9966, 0.3127,
0.3290

■ 25.0785, 0.6095,
0.3543

Harmonies

Analogous

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



48.7124, 0.4087, 0.3161



48.7124, 0.4331, 0.3626



48.7124, 0.4211, 0.4065

Triad

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



48.7124, 0.4331, 0.3626



48.7124, 0.2654, 0.3932



48.7124, 0.2426, 0.2345

Complementary

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



48.7124, 0.4331, 0.3626



64.7062, 0.2409, 0.2907

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.



48.7124, 0.2122, 0.2440



48.7124, 0.4331, 0.3626



48.7124, 0.2237, 0.3316

Square

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



48.7124, 0.4331, 0.3626



48.7124, 0.3223, 0.4339



48.7124, 0.2056, 0.2770



48.7124, 0.2936, 0.2460

Rectangle

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



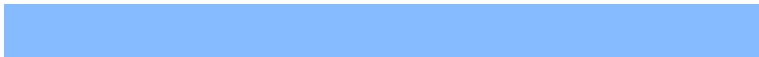
48.7124, 0.4331, 0.3626



48.7124, 0.3959, 0.4287



48.7124, 0.2056, 0.2770



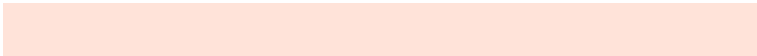
48.7124, 0.2300, 0.2352

Sweetspot

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



48.7148, 0.4331, 0.3626



80.9515, 0.3394, 0.3389



42.5828, 0.3471, 0.2360



16.8067, 0.3438, 0.3404



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.



48.7148, 0.4331, 0.3626



41.9499, 0.4699, 0.3678



76.0344, 0.3994, 0.4227



18.7437, 0.3288, 0.3352



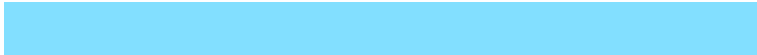
13.3073, 0.6067, 0.3565



1.4624, 0.5849, 0.3738

Inverse Universe

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



64.7062, 0.2409, 0.2907



59.5315, 0.2292, 0.2814



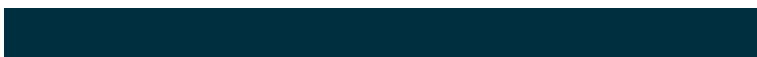
37.5322, 0.2258, 0.2117



19.6468, 0.2980, 0.3228



23.1865, 0.2010, 0.2435



2.4332, 0.2040, 0.2544

Previews

White Background



This preview shows how the Yxy color 48.7124, 0.4331, 0.3626 looks on a white background.

Color Contrast Check

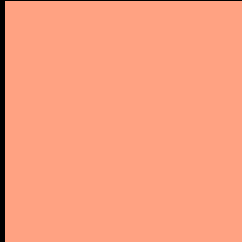
Large Text (above 18pt) WCAG AA × Fail

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 48.7124, 0.4331, 0.3626 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 48.7124, 0.4331, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 48.7124, 0.4331, 0.3626.



This preview shows how white text looks on a background with the Yxy color 48.7124, 0.4331, 0.3626.

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

48.7124, 0.4331, 0.3626

Protanopia

49.1534, 0.3613, 0.3874

Deuteranopia

48.9027, 0.3969, 0.3891



Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.7124, 0.4331, 0.3626



Protanomaly

48.2819, 0.3868, 0.3782



Deuteranomaly

48.5560, 0.4103, 0.3789



Tritanomaly

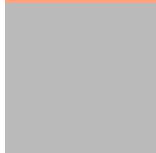
48.4228, 0.4102, 0.3335

Monochromacy



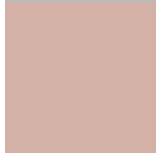
Original Color

48.7124, 0.4331, 0.3626



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

48.0463, 0.3527, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7124, 0.4331, 0.3626 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, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 130)  
}
```

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, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 130) }
```

Border

The CSS property to change the border of an element to Yxy 48.7124, 0.4331, 0.3626 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, 162, 130) }
```

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

```
.border{ border-color:rgb(255, 162, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7124, 0.4331, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 130) }
```

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

```
.background{ background-color: rgb(255,  
162, 130) }
```

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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