

Converting Colors

$Yxy(52.0824, 0.4494, 0.3995)$

Have a look what the booklet for
Yxy(52.0824, 0.4494, 0.3995)
contains.

Yxy(52.1264, 0.4491, 0.3992)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.1264, 0.4491, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD67
RGB	255, 173, 103
RGB Percent	100%, 68%, 40%
CMY	0.0000, 0.3216, 0.5960
CMYK	0.00, 0.32, 0.60, 0.00
HSL	28°, 100%, 70%
HSV	28°, 60%, 100%
XYZ	58.6422, 52.1264, 19.8086
YIQ	189.5380, 71.3420, -4.3860

Conversions

Conversions Part 2

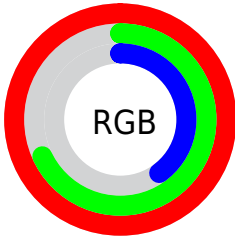
Format	Color
RYB	255, 233, 103
Decimal	16756071
CIELab	77.36, 23.26, 47.63
CIELCh	77, 53.009, 63.974
Yxy	52.1264, 0.4491, 0.3992
Android (android.graphics.Color)	4294946151 (0xFFFFAD67)
YUV	189.5380, -42.6632, 57.4102
Hunter-Lab	72.1986, 18.6363, 34.2721

Details

The Yxy color **52.1264, 0.4491, 0.3992** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.8181, 0.2194, 0.2398**, and the grayscale version is **51.4288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6989, 0.3804, 0.4029**, and **25.1593, 0.4820, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **46.6779, 0.4788, 0.4061**, and if you desaturate by 10%, it is **58.2667, 0.4201, 0.3892**.

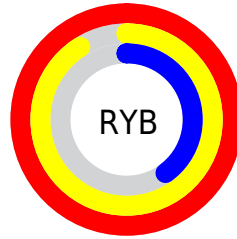
Distribution



Red (100%)

Green (68%)

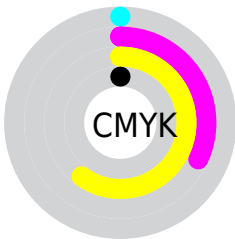
Blue (40%)



Red (100%)

Yellow (91%)

Blue (40%)

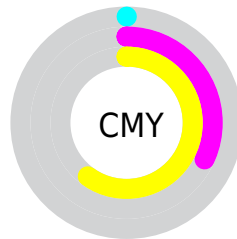


Cyan (0%)

Magenta (32%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1264, 0.4491, 0.3992 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 52.1264, 0.4491, 0.3992 by changing the saturation by 10% instead.


 52.1264, 0.4491,
0.3992

 52.1264, 0.4491,
0.3992


394.9244, 0.3835,
0.3698

 37.1058, 0.4640,
0.4044


 93.3176, 0.4262,
0.3901


 25.2894, 0.4820,
0.4099

 120.2571, 0.4173,
0.3862

 16.2928, 0.5040,
0.4150


 151.9383, 0.4097,
0.3827

 9.7316, 0.5307,
0.4182

 188.7456, 0.4030,
0.3795

 5.2214, 0.5747,
0.4253

231.0635, 0.3972,
0.3767

 2.3777, 0.5985,
0.4015

279.2763, 0.3921,

 0.8144, 0.6399,

0.3742

0.3601

333.7685, 0.3875,
0.3719

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1264, 0.4491,
0.3992

52.1264, 0.4491,
0.3992

46.6779, 0.4788,
0.4061

58.2667, 0.4201,
0.3892

41.9020, 0.5076,
0.4086

65.1391, 0.3932,
0.3775

37.7599, 0.5333,
0.4057

72.7662, 0.3688,
0.3649

34.2063, 0.5546,
0.3976

81.1731, 0.3473,
0.3523

34.0742, 0.5554,
0.3972

90.3834, 0.3284,
0.3401

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



52.1264, 0.4491, 0.3462



52.1264, 0.4491, 0.3992



52.1264, 0.4102, 0.4436

Triad

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



52.1264, 0.4491, 0.3992



52.1264, 0.2234, 0.3587



52.1264, 0.2659, 0.2261

Complementary

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



52.1264, 0.4491, 0.3992



44.8181, 0.2194, 0.2398

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.



52.1264, 0.2156, 0.2208



52.1264, 0.4491, 0.3992



52.1264, 0.1931, 0.2874

Square

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



52.1264, 0.4491, 0.3992



52.1264, 0.2792, 0.4286



52.1264, 0.1909, 0.2401



52.1264, 0.3356, 0.2524

Rectangle

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



52.1264, 0.4491, 0.3992



52.1264, 0.3700, 0.4592



52.1264, 0.1909, 0.2401



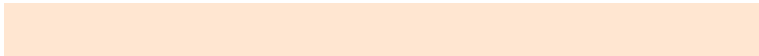
52.1264, 0.2465, 0.2218

Sweetspot

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



52.1225, 0.4491, 0.3992



82.5905, 0.3441, 0.3503



34.5366, 0.3927, 0.2465



17.1286, 0.3499, 0.3539



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.



52.1225, 0.4491, 0.3992



45.4710, 0.4859, 0.4071



89.0070, 0.4013, 0.4635



19.3650, 0.3283, 0.3400



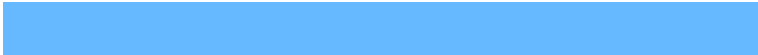
18.0955, 0.5527, 0.3994



1.9775, 0.5336, 0.4145

Inverse Universe

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



44.8181, 0.2194, 0.2398



37.5036, 0.2036, 0.2172



21.3919, 0.1981, 0.1447



19.0018, 0.2979, 0.3178



13.5141, 0.1808, 0.1708



1.5345, 0.1862, 0.1902

Previews

White Background



This preview shows how the Yxy color 52.1264, 0.4491, 0.3992 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 52.1264, 0.4491, 0.3992 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 52.1264, 0.4491, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 52.1264, 0.4491, 0.3992.



This preview shows how white text looks on a background with the Yxy color 52.1264, 0.4491, 0.3992.

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

52.1264, 0.4491, 0.3992

Protanopia

52.5267, 0.3918, 0.4266

Deuteranopia

52.0577, 0.4269, 0.4166



Tritanopia

52.1118, 0.3846, 0.3176

Trichromacy



Original Color

52.1264, 0.4491, 0.3992

Protanomaly

51.9282, 0.4125, 0.4170

Deuteranomaly

52.0768, 0.4344, 0.4103

Tritanomaly

51.8703, 0.4096, 0.3482

Monochromacy



Original Color

52.1264, 0.4491, 0.3992

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.0457, 0.3605, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1264, 0.4491, 0.3992 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, 173, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 103)  
}
```

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, 173, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 103) }
```

Border

The CSS property to change the border of an element to Yxy 52.1264, 0.4491, 0.3992 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, 173, 103) }
```

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

```
.border{ border-color:rgb(255, 173, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1264, 0.4491, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 103) }
```

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

```
.background{ background-color: rgb(255,  
173, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor