

Converting Colors

Yxy(64.5283, 0.5189, 0.3634)

Have a look what the booklet for
Yxy(64.5283, 0.5189, 0.3634)
contains.

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Color

Yxy(45.7226, 0.4607, 0.3794)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B69
RGB	255, 155, 105
RGB Percent	100%, 61%, 41%
CMY	0.0000, 0.3922, 0.5881
CMYK	0.00, 0.39, 0.59, 0.00
HSL	20°, 100%, 71%
HSV	20°, 59%, 100%
XYZ	55.5203, 45.7226, 19.2700
YIQ	179.2000, 75.6500, 5.6500

Conversions

Conversions Part 2

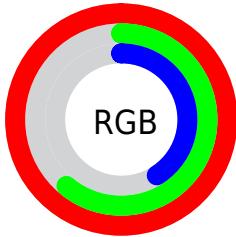
Format	Color
R_{YB}	255, 180, 105
Decimal	16751465
CIE _{Lab}	73.37, 32.77, 41.79
CIE _{LCh}	73, 53.106, 51.896
Yxy	45.7226, 0.4607, 0.3794
Android (android.graphics.Color)	4294941545 (0xFFFF9B69)
YUV	179.2000, -36.5806, 66.4766
Hunter-Lab	67.6185, 28.2307, 30.4364

Details

The Yxy color **45.7226, 0.4607, 0.3794** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.9048, 0.2261, 0.2666**, and the grayscale version is **45.3571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7875, 0.3870, 0.3838**, and **21.4554, 0.4995, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **40.0045, 0.4965, 0.3837**, and if you desaturate by 10%, it is **52.3884, 0.4269, 0.3724**.

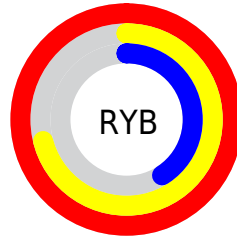
Distribution



Red (100%)

Green (61%)

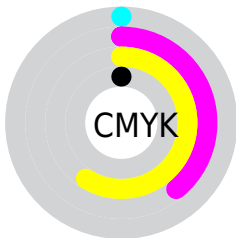
Blue (41%)



Red (100%)

Yellow (71%)

Blue (41%)

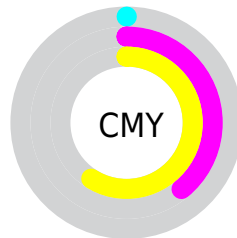


Cyan (0%)

Magenta (39%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7226, 0.4607, 0.3794 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 45.7226, 0.4607, 0.3794 by changing the saturation by 10% instead.


 45.7226, 0.4607,
0.3794

 45.7226, 0.4607,
0.3794


369.6923, 0.3871,
0.3596

 32.0270, 0.4782,
0.3823


 83.8037, 0.4345,
0.3737


 21.3821, 0.4997,
0.3849


 108.9579, 0.4245,
0.3711

 13.4036, 0.5268,
0.3861


 138.7005, 0.4159,
0.3687

 7.7070, 0.5609,
0.3840

 173.4159, 0.4085,
0.3665

 3.9081, 0.6175,
0.3825

213.4883, 0.4021,
0.3645

 1.6223, 0.6547,
0.3453

259.3022, 0.3965,

 0.3725, 0.7622,

0.3627

0.2378

311.2421, 0.3915,
0.3611

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.7226, 0.4607,
0.3794

45.7226, 0.4607,
0.3794

40.0045, 0.4965,
0.3837

52.3884, 0.4269,
0.3724

35.1963, 0.5318,
0.3840

60.0556, 0.3964,
0.3637


31.2418, 0.5634,
0.3793

68.7618, 0.3697,
0.3545

28.0781, 0.5885,
0.3700

78.5457, 0.3468,
0.3453

 27.7495, 0.5912,
0.3688

 89.4436, 0.3274,
0.3364

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.



45.7226, 0.4422, 0.3242



45.7226, 0.4607, 0.3794



45.7226, 0.4344, 0.4314

Triad

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



45.7226, 0.4607, 0.3794



45.7226, 0.2400, 0.3922



45.7226, 0.2397, 0.2170

Complementary

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



45.7226, 0.4607, 0.3794



53.9048, 0.2261, 0.2666

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.



45.7226, 0.1981, 0.2211



45.7226, 0.4607, 0.3794



45.7226, 0.1973, 0.3130

Square

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



45.7226, 0.4607, 0.3794



45.7226, 0.3055, 0.4535



45.7226, 0.1836, 0.2522



45.7226, 0.3056, 0.2360

Rectangle

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



45.7226, 0.4607, 0.3794



45.7226, 0.3983, 0.4569



45.7226, 0.1836, 0.2522



45.7226, 0.2229, 0.2156

Sweetspot

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



45.7194, 0.4607, 0.3794



79.3904, 0.3451, 0.3445



35.8981, 0.3675, 0.2290



16.3535, 0.3513, 0.3472



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.



45.7194, 0.4607, 0.3794



38.8776, 0.5043, 0.3842



77.4951, 0.4116, 0.4468



18.9757, 0.3286, 0.3370



14.7435, 0.5882, 0.3711



1.6267, 0.5663, 0.3886

Inverse Universe

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



53.9048, 0.2261, 0.2666



47.5626, 0.2127, 0.2509



26.8688, 0.2049, 0.1710



19.4019, 0.2980, 0.3209



19.0901, 0.1933, 0.2160



2.0598, 0.1973, 0.2303

Previews

White Background



This preview shows how the Yxy color 45.7226, 0.4607, 0.3794 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 45.7226, 0.4607, 0.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

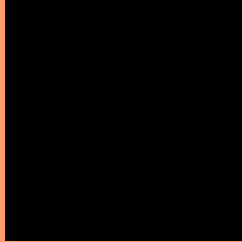
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7226, 0.4607, 0.3794

Background



This preview shows how black text looks on a background with the Yxy color 45.7226, 0.4607, 0.3794.



This preview shows how white text looks on a background with the Yxy color 45.7226, 0.4607, 0.3794.

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

45.7226, 0.4607, 0.3794

Protanopia

46.1559, 0.3818, 0.4133

Deuteranopia

45.6603, 0.4202, 0.4116



Tritanopia

45.6108, 0.4088, 0.3188

Trichromacy



Original Color

45.7226, 0.4607, 0.3794

Protanomaly

45.5582, 0.4101, 0.4015

Deuteranomaly

45.5554, 0.4357, 0.3998

Tritanomaly

45.6099, 0.4288, 0.3419

Monochromacy



Original Color

45.7226, 0.4607, 0.3794

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2818, 0.3636, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7226, 0.4607, 0.3794 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, 155, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 105)  
}
```

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, 155, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 105) }
```

Border

The CSS property to change the border of an element to Yxy 45.7226, 0.4607, 0.3794 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, 155, 105) }
```

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

```
.border{ border-color:rgb(255, 155, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7226, 0.4607, 0.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 105) }
```

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

```
.background{ background-color: rgb(255,  
155, 105) }
```

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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