

Converting Colors

$Y_{xy}(52.9780, 0.5066, 0.3550)$

Have a look what the booklet for
Yxy(52.9780, 0.5066, 0.3550)
contains.

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Color

Yxy(41.7101, 0.4664, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E6D
RGB	255, 142, 109
RGB Percent	100%, 56%, 43%
CMY	0.0001, 0.4430, 0.5726
CMYK	0.00, 0.44, 0.57, 0.00
HSL	14°, 100%, 71%
HSV	14°, 57%, 100%
XYZ	53.6651, 41.7101, 19.6872
YIQ	172.0250, 77.9410, 13.6930

Conversions

Conversions Part 2

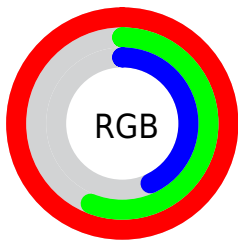
Format	Color
R_{YB}	255, 152, 109
Decimal	16748141
CIE _{Lab}	70.67, 39.68, 36.34
CIE _{LCh}	71, 53.803, 42.485
Yxy	41.7101, 0.4664, 0.3625
Android (android.graphics.Color)	4294938221 (0xFFFF8E6D)
YUV	172.0250, -31.0713, 72.7691
Hunter-Lab	64.5834, 35.3024, 27.1348

Details

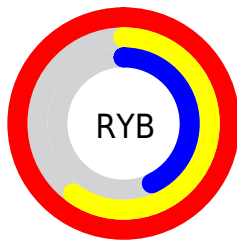
The Yxy color **41.7101, 0.4664, 0.3625** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **62.6766, 0.2323, 0.2886**, and the grayscale version is **41.4012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7657, 0.3890, 0.3668**, and **19.1186, 0.5089, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **35.8794, 0.5068, 0.3651**, and if you desaturate by 10%, it is **48.7432, 0.4290, 0.3578**.

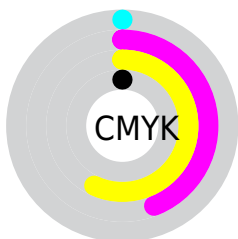
Distribution



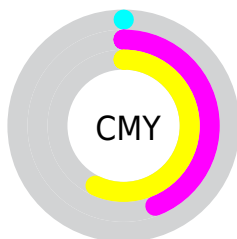
- Red (100%)
- Green (56%)
- Blue (43%)



- Red (100%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7101, 0.4664, 0.3625 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 41.7101, 0.4664, 0.3625 by changing the saturation by 10% instead.


 41.7101, 0.4664,
0.3625


 41.7101, 0.4664,
0.3625


353.2798, 0.3883,
0.3508

 28.8744, 0.4855,
0.3635


 77.7607, 0.4381,
0.3596

 18.9858, 0.5096,
0.3637


 101.7443, 0.4274,
0.3581

 11.6600, 0.5404,
0.3620


 130.2127, 0.4184,
0.3567

 6.5126, 0.5803,
0.3558

 163.5502, 0.4106,
0.3553

 3.1592, 0.6505,
0.3495

202.1413, 0.4039,
0.3540

 1.2154, 0.6982,
0.3018

246.3703, 0.3981,

 0.0742, 0.9343,

0.3529

0.0657

296.6217, 0.3929,
0.3518

0.0000, 0.0000,
0.0000

41.7101, 0.4664,
0.3625

41.7101, 0.4664,
0.3625

35.8794, 0.5068,
0.3651

48.7432, 0.4290,
0.3578

31.1756, 0.5472,
0.3645

57.0354, 0.3960,
0.3518

27.5244, 0.5830,
0.3599

66.6477, 0.3679,
0.3455

24.8380, 0.6097,
0.3517

77.6348, 0.3444,
0.3392

24.2506, 0.6156,
0.3494

90.0485, 0.3248,
0.3331

99.9945, 0.3127,
0.3290

Harmonies

Analogous

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



41.7101, 0.4321, 0.3063



41.7101, 0.4664, 0.3625



41.7101, 0.4521, 0.4188

Triad

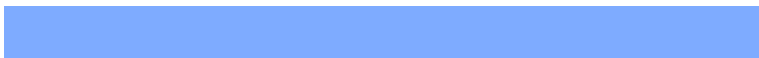
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.7101, 0.4664, 0.3625



41.7101, 0.2562, 0.4198



41.7101, 0.2203, 0.2114

Complementary

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



41.7101, 0.4664, 0.3625



62.6766, 0.2323, 0.2886

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.



41.7101, 0.1861, 0.2236



41.7101, 0.4664, 0.3625



41.7101, 0.2033, 0.3371

Square

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



41.7101, 0.4664, 0.3625



41.7101, 0.3282, 0.4693



41.7101, 0.1800, 0.2652



41.7101, 0.2814, 0.2241

Rectangle

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



41.7101, 0.4664, 0.3625



41.7101, 0.4204, 0.4507



41.7101, 0.1800, 0.2652



41.7101, 0.2058, 0.2125

Sweetspot

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



41.7123, 0.4664, 0.3625



77.9522, 0.3438, 0.3390



37.5358, 0.3497, 0.2186



16.1867, 0.3482, 0.3403



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.



41.7123, 0.4664, 0.3625



34.9876, 0.5140, 0.3653



70.2543, 0.4177, 0.4320



18.6537, 0.3289, 0.3344



12.8571, 0.6130, 0.3515



1.4073, 0.5918, 0.3683

Inverse Universe

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



62.6766, 0.2323, 0.2886



57.5778, 0.2209, 0.2788



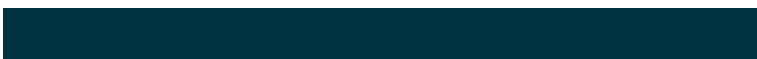
32.3937, 0.2119, 0.1943



19.7431, 0.2980, 0.3235



24.9427, 0.2039, 0.2541



2.5911, 0.2066, 0.2637

Previews

White Background



This preview shows how the Yxy color 41.7101, 0.4664, 0.3625 looks on a white background.

Color Contrast Check

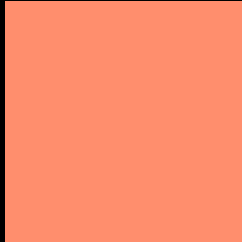
Large Text (above 18pt) WCAG AA × Fail

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 41.7101, 0.4664, 0.3625 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 41.7101, 0.4664, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 41.7101, 0.4664, 0.3625.

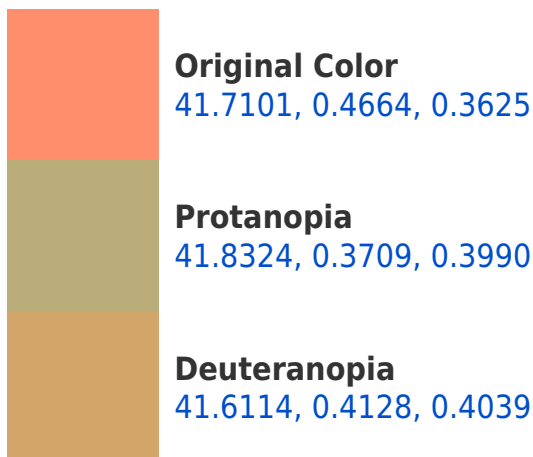


This preview shows how white text looks on a background with the Yxy color 41.7101, 0.4664, 0.3625.

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





Tritanopia

41.5751, 0.4271, 0.3189

Trichromacy



Original Color

41.7101, 0.4664, 0.3625



Protanomaly

41.1221, 0.4049, 0.3847



Deuteranomaly

41.3233, 0.4320, 0.3879



Tritanomaly

41.4465, 0.4421, 0.3345

Monochromacy



Original Color

41.7101, 0.4664, 0.3625



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

40.2162, 0.3644, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7101, 0.4664, 0.3625 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, 142, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 109)  
}
```

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, 142, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 109) }
```

Border

The CSS property to change the border of an element to Yxy 41.7101, 0.4664, 0.3625 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, 142, 109) }
```

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

```
.border{ border-color:rgb(255, 142, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7101, 0.4664, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 109) }
```

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

```
.background{ background-color: rgb(255,  
142, 109) }
```

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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