

Converting Colors

$Y_{xy}(47.0052, 0.4393, 0.3636)$

Have a look what the booklet for
Yxy(47.0052, 0.4393, 0.3636)
contains.

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Color

Yxy(47.0052, 0.4393, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	FE9E7D
RGB	254, 158, 125
RGB Percent	100%, 62%, 49%
CMY	0.0041, 0.3803, 0.5098
CMYK	0.00, 0.38, 0.51, 0.00
HSL	15°, 98%, 74%
HSV	15°, 51%, 100%
XYZ	56.7915, 47.0052, 25.4805
YIQ	182.9420, 67.8090, 10.0890

Conversions

Conversions Part 2

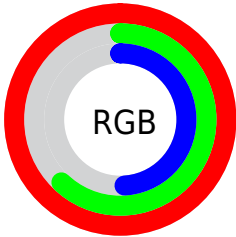
Format	Color
RYB	254, 169, 125
Decimal	16686717
CIELab	74.19, 32.37, 32.26
CIELCh	74, 45.698, 44.901
Yxy	47.0052, 0.4393, 0.3636
Android (android.graphics.Color)	4294876797 (0xFFFE9E7D)
YUV	182.9420, -28.5654, 62.3179
Hunter-Lab	68.5603, 27.8787, 25.9570

Details

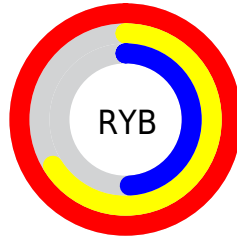
The Yxy color **47.0052, 0.4393, 0.3636** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **63.1911, 0.2388, 0.2891**, and the grayscale version is **47.4541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0629, 0.3703, 0.3652**, and **22.2992, 0.4734, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **40.4808, 0.4768, 0.3684**, and if you desaturate by 10%, it is **54.6911, 0.4056, 0.3572**.

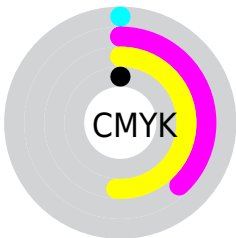
Distribution



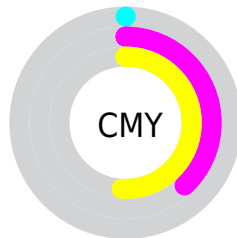
- Red (100%)
- Green (62%)
- Blue (49%)



- Red (100%)
- Yellow (66%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0052, 0.4393, 0.3636 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 47.0052, 0.4393, 0.3636 by changing the saturation by 10% instead.


 47.0052, 0.4393,
0.3636


 47.0052, 0.4393,
0.3636


374.8353, 0.3759,
0.3499

 33.0398, 0.4547,
0.3658


 85.7214, 0.4165,
0.3595

 22.1569, 0.4742,
0.3678


 111.2409, 0.4078,
0.3577

 13.9722, 0.4993,
0.3692


 141.3806, 0.4005,
0.3561

 8.1014, 0.5323,
0.3686

176.5249, 0.3942,
0.3546

 4.1599, 0.5783,
0.3639

217.0581, 0.3887,
0.3533

 1.7634, 0.6492,
0.3508

263.3646, 0.3839,

 0.4642, 0.7361,

0.3520

0.2639

315.8289, 0.3797,
0.3509

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.0052, 0.4393,
0.3636

47.0052, 0.4393,
0.3636

40.4808, 0.4768,
0.3684

54.6911, 0.4056,
0.3572

35.0526, 0.5163,
0.3705

63.5850, 0.3765,
0.3502

30.6598, 0.5545,
0.3688

73.7397, 0.3518,
0.3430

27.2315, 0.5871,
0.3628

85.2025, 0.3312,
0.3360

■ 24.8494, 0.6095,
0.3543

■ 98.0183, 0.3139,
0.3295

99.8039, 0.3121,
0.3290

Harmonies

Analogous

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



47.0052, 0.4137, 0.3152



47.0052, 0.4393, 0.3636



47.0052, 0.4263, 0.4097

Triad

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



47.0052, 0.4393, 0.3636



47.0052, 0.2628, 0.3969



47.0052, 0.2392, 0.2302

Complementary

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



47.0052, 0.4393, 0.3636



63.1911, 0.2388, 0.2891

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.



47.0052, 0.2077, 0.2399



47.0052, 0.4393, 0.3636



47.0052, 0.2194, 0.3315

Square

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



47.0052, 0.4393, 0.3636



47.0052, 0.3224, 0.4398



47.0052, 0.2007, 0.2740



47.0052, 0.2925, 0.2423

Rectangle

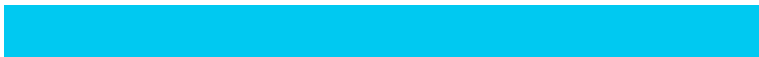
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



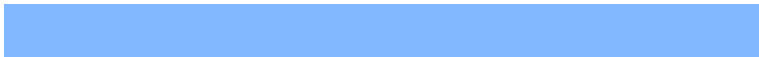
47.0052, 0.4393, 0.3636



47.0052, 0.3997, 0.4334



47.0052, 0.2007, 0.2740



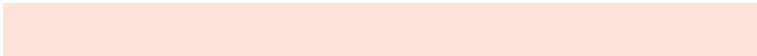
47.0052, 0.2261, 0.2308

Sweetspot

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



47.0076, 0.4393, 0.3636



80.9470, 0.3394, 0.3389



40.9896, 0.3487, 0.2330



16.8056, 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.



47.0076, 0.4393, 0.3636



40.7183, 0.4777, 0.3685



74.6394, 0.4027, 0.4257



18.7431, 0.3288, 0.3352



13.3039, 0.6067, 0.3564



1.4620, 0.5850, 0.3737

Inverse Universe

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



63.1911, 0.2388, 0.2891



58.5814, 0.2271, 0.2795



35.7082, 0.2225, 0.2067



19.6475, 0.2980, 0.3228



23.1987, 0.2010, 0.2436



2.4343, 0.2040, 0.2545

Previews

White Background



This preview shows how the Yxy color 47.0052, 0.4393, 0.3636 looks on a white background.

Color Contrast Check

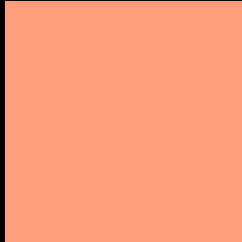
Large Text (above 18pt) WCAG AA × Fail

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 47.0052, 0.4393, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

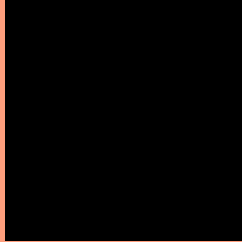
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0052, 0.4393, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 47.0052, 0.4393, 0.3636.



This preview shows how white text looks on a background with the Yxy color 47.0052, 0.4393, 0.3636.

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

47.0052, 0.4393, 0.3636

Protanopia

47.3520, 0.3637, 0.3908

Deuteranopia

47.1252, 0.3999, 0.3922



Tritanopia

47.0878, 0.4020, 0.3177

Trichromacy



Original Color

47.0052, 0.4393, 0.3636

Protanomaly

46.6625, 0.3907, 0.3810

Deuteranomaly

46.9618, 0.4146, 0.3814

Tritanomaly

46.9047, 0.4170, 0.3346

Monochromacy



Original Color

47.0052, 0.4393, 0.3636

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4360, 0.3552, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0052, 0.4393, 0.3636 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(254, 158, 125)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 125)  
}
```

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(254, 158, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 125) }
```

Border

The CSS property to change the border of an element to Yxy 47.0052, 0.4393, 0.3636 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(254, 158, 125) }
```

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

```
.border{ border-color:rgb(254, 158, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 158, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 125);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0052, 0.4393, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 158, 125) }
```

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

```
.background{ background-color: rgb(254,  
158, 125) }
```

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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