

Converting Colors

$Y_{xy}(45.4207, 0.4442, 0.3587)$

Have a look what the booklet for
Yxy(45.4207, 0.4442, 0.3587)
contains.

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Color

Yxy(45.4977, 0.4443, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	FF997C
RGB	255, 153, 124
RGB Percent	100%, 60%, 49%
CMY	0.0000, 0.4000, 0.5137
CMYK	0.00, 0.40, 0.51, 0.00
HSL	13°, 100%, 74%
HSV	13°, 51%, 100%
XYZ	56.2768, 45.4977, 24.8895
YIQ	180.1920, 70.1010, 12.6050

Conversions

Conversions Part 2

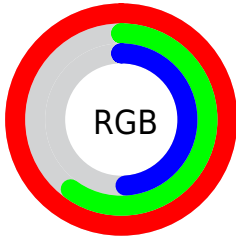
Format	Color
R _Y B	255, 161, 124
Decimal	16750972
CIE Lab	73.22, 35.29, 31.54
CIE LCh	73, 47.331, 41.783
Yxy	45.4977, 0.4443, 0.3592
Android (android.graphics.Color)	4294941052 (0xFFFF997C)
YUV	180.1920, -27.7027, 65.6066
Hunter-Lab	67.4520, 30.8859, 25.3387

Details

The Yxy color **45.4977, 0.4443, 0.3592** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65.9122, 0.2392, 0.2943**, and the grayscale version is **45.8712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5461, 0.3726, 0.3612**, and **21.0917, 0.4806, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **38.9631, 0.4834, 0.3631**, and if you desaturate by 10%, it is **53.2764, 0.4092, 0.3538**.

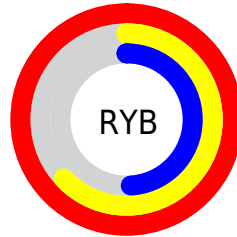
Distribution



Red (100%)

Green (60%)

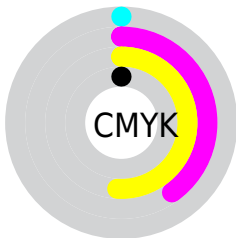
Blue (49%)



Red (100%)

Yellow (63%)

Blue (49%)

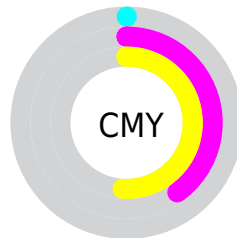


Cyan (0%)

Magenta (40%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4977, 0.4443, 0.3592 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 45.4977, 0.4443, 0.3592 by changing the saturation by 10% instead.


 45.4977, 0.4443,
0.3592

 45.4977, 0.4443,
0.3592


368.7855, 0.3780,
0.3478

 31.8496, 0.4606,
0.3607


 83.4668, 0.4203,
0.3560

 21.2467, 0.4811,
0.3619


 108.5565, 0.4113,
0.3545

 13.3044, 0.5077,
0.3622


 138.2290, 0.4036,
0.3532

 7.6385, 0.5428,
0.3599

172.8686, 0.3970,
0.3519

 3.8645, 0.5927,
0.3531

212.8596, 0.3913,
0.3507

 1.5981, 0.6660,
0.3340

258.5865, 0.3863,

 0.3563, 0.7787,

0.3497

0.2213

310.4337, 0.3819,
0.3487

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.4977, 0.4443,
0.3592

45.4977, 0.4443,
0.3592

38.9631, 0.4834,
0.3631

53.2764, 0.4092,
0.3538

33.6127, 0.5245,
0.3644

62.3675, 0.3790,
0.3477

29.3711, 0.5638,
0.3622

72.8261, 0.3536,
0.3415

26.1564, 0.5963,
0.3561

84.7062, 0.3324,
0.3354

■ 24.1283, 0.6166,
0.3486

■ 98.0587, 0.3149,
0.3297

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.



45.4977, 0.4135, 0.3093



45.4977, 0.4443, 0.3592



45.4977, 0.4344, 0.4081

Triad

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



45.4977, 0.4443, 0.3592



45.4977, 0.2663, 0.4068



45.4977, 0.2315, 0.2261

Complementary

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



45.4977, 0.4443, 0.3592



65.9122, 0.2392, 0.2943

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.



45.4977, 0.2014, 0.2384



45.4977, 0.4443, 0.3592



45.4977, 0.2189, 0.3385

Square

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



45.4977, 0.4443, 0.3592



45.4977, 0.3292, 0.4477



45.4977, 0.1968, 0.2765



45.4977, 0.2848, 0.2366

Rectangle

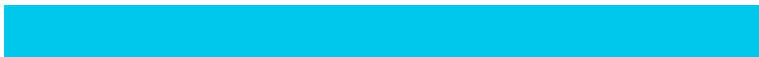
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.4977, 0.4443, 0.3592



45.4977, 0.4083, 0.4346



45.4977, 0.1968, 0.2765



45.4977, 0.2187, 0.2275

Sweetspot

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



45.4954, 0.4443, 0.3592



80.2216, 0.3396, 0.3376



41.2044, 0.3449, 0.2282



16.6327, 0.3441, 0.3388



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.



45.4954, 0.4443, 0.3592



38.5896, 0.4860, 0.3633



72.8003, 0.4061, 0.4229



18.6385, 0.3289, 0.3343



12.7866, 0.6140, 0.3507



1.3985, 0.5929, 0.3674

Inverse Universe

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



65.9122, 0.2392, 0.2943



60.9559, 0.2277, 0.2857



37.0408, 0.2225, 0.2106



19.7595, 0.2980, 0.3236



25.2493, 0.2044, 0.2559



2.6185, 0.2070, 0.2652

Previews

White Background



This preview shows how the Yxy color 45.4977, 0.4443, 0.3592 looks on a white background.

Color Contrast Check

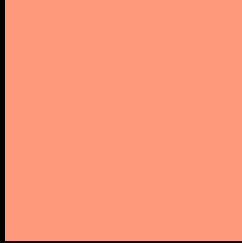
Large Text (above 18pt) WCAG AA × Fail

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 45.4977, 0.4443, 0.3592 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 45.4977, 0.4443, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 45.4977, 0.4443, 0.3592.



This preview shows how white text looks on a background with the Yxy color 45.4977, 0.4443, 0.3592.

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

45.4977, 0.4443, 0.3592

Protanopia

45.7575, 0.3612, 0.3865

Deuteranopia

45.4600, 0.4005, 0.3918



Tritanopia

45.6108, 0.4088, 0.3188

Trichromacy



Original Color

45.4977, 0.4443, 0.3592

Protanomaly

45.0143, 0.3907, 0.3754

Deuteranomaly

45.1137, 0.4169, 0.3796

Tritanomaly

45.4998, 0.4220, 0.3335

Monochromacy



Original Color

45.4977, 0.4443, 0.3592

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5529, 0.3562, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4977, 0.4443, 0.3592 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, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 124)  
}
```

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, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 124) }
```

Border

The CSS property to change the border of an element to Yxy 45.4977, 0.4443, 0.3592 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, 153, 124) }
```

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

```
.border{ border-color:rgb(255, 153, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4977, 0.4443, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 124) }
```

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

```
.background{ background-color: rgb(255,  
153, 124) }
```

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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