

Converting Colors

$Yxy(51.4101, 0.4629, 0.3504)$

Have a look what the booklet for
Yxy(51.4101, 0.4629, 0.3504)
contains.

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Color

Yxy(45.6542, 0.4383, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	FF9982
RGB	255, 153, 130
RGB Percent	100%, 60%, 51%
CMY	0.0001, 0.3999, 0.4901
CMYK	0.00, 0.40, 0.49, 0.00
HSL	11°, 100%, 75%
HSV	11°, 49%, 100%
XYZ	56.6541, 45.6542, 26.9505
YIQ	180.8760, 68.1750, 14.4710

Conversions

Conversions Part 2

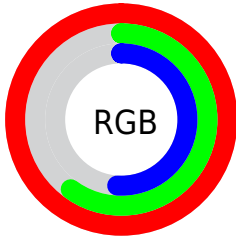
Format	Color
RYB	255, 158, 130
Decimal	16750978
CIELab	73.32, 35.79, 28.43
CIELCh	73, 45.706, 38.460
Yxy	45.6542, 0.4383, 0.3532
Android (android.graphics.Color)	4294941058 (0xFFFF9982)
YUV	180.8760, -25.0819, 65.0067
Hunter-Lab	67.5679, 31.4243, 23.6488

Details

The Yxy color **45.6542, 0.4383, 0.3532** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.6607, 0.2430, 0.3018**, and the grayscale version is **46.2511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7906, 0.3680, 0.3550**, and **21.2956, 0.4752, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **38.8267, 0.4781, 0.3567**, and if you desaturate by 10%, it is **53.8431, 0.4032, 0.3485**.

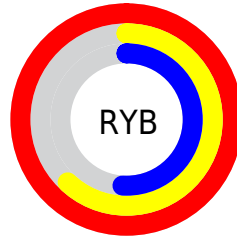
Distribution



Red (100%)

Green (60%)

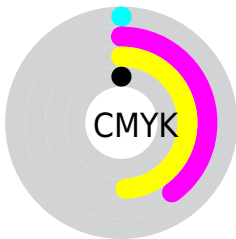
Blue (51%)



Red (100%)

Yellow (62%)

Blue (51%)

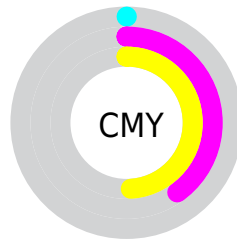


Cyan (0%)

Magenta (40%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6542, 0.4383, 0.3532 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 45.6542, 0.4383, 0.3532 by changing the saturation by 10% instead.


 45.6542, 0.4383,
0.3532

 45.6542, 0.4383,
0.3532


369.4167, 0.3749,
0.3444

 31.9730, 0.4540,
0.3543


 83.7012, 0.4153,
0.3508

 21.3409, 0.4738,
0.3550


 108.8359, 0.4067,
0.3497

 13.3734, 0.4997,
0.3549


 138.5572, 0.3993,
0.3486

 7.6862, 0.5343,
0.3525

173.2495, 0.3930,
0.3476

 3.8948, 0.5823,
0.3448

213.2972, 0.3876,
0.3467

 1.6149, 0.6676,
0.3324

259.0847, 0.3828,

 0.3676, 0.7774,

0.3458

0.2226

310.9964, 0.3786,
0.3451

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.6542, 0.4383,
0.3532

45.6542, 0.4383,
0.3532

38.8267, 0.4781,
0.3567

53.8431, 0.4032,
0.3485

33.2794, 0.5205,
0.3581

63.4551, 0.3734,
0.3434

28.9328, 0.5619,
0.3566

74.5565, 0.3486,
0.3382

25.6953, 0.5969,
0.3516

87.2072, 0.3281,
0.3332

■ 23.4576, 0.6211,
0.3441

99.9949, 0.3127,
0.3290

■ 23.2833, 0.6231,
0.3434

Harmonies

Analogous

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



45.6542, 0.4045, 0.3050



45.6542, 0.4383, 0.3532



45.6542, 0.4333, 0.4011

Triad

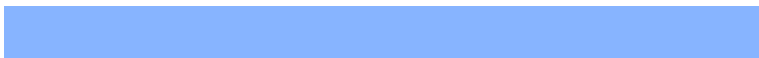
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.6542, 0.4383, 0.3532



45.6542, 0.2743, 0.4099



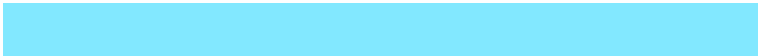
45.6542, 0.2297, 0.2295

Complementary

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



45.6542, 0.4383, 0.3532



69.6607, 0.2430, 0.3018

Split Complementary

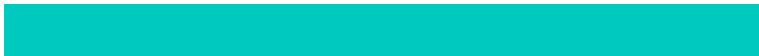
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.6542, 0.2031, 0.2443



45.6542, 0.4383, 0.3532



45.6542, 0.2260, 0.3459

Square

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



45.6542, 0.4383, 0.3532



45.6542, 0.3360, 0.4449



45.6542, 0.2015, 0.2842



45.6542, 0.2792, 0.2372

Rectangle

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



45.6542, 0.4383, 0.3532



45.6542, 0.4104, 0.4276



45.6542, 0.2015, 0.2842



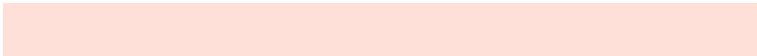
45.6542, 0.2182, 0.2317

Sweetspot

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



45.6565, 0.4383, 0.3532



79.4563, 0.3399, 0.3362



43.0544, 0.3390, 0.2288



16.4506, 0.3444, 0.3372



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.



45.6565, 0.4383, 0.3532



38.8407, 0.4780, 0.3567



71.6737, 0.4036, 0.4152



18.5278, 0.3290, 0.3334



12.3233, 0.6208, 0.3453



1.3382, 0.6008, 0.3611

Inverse Universe

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



69.6607, 0.2430, 0.3018



65.2994, 0.2323, 0.2952



40.5598, 0.2279, 0.2224



19.8792, 0.2980, 0.3245



27.5630, 0.2080, 0.2689



2.8245, 0.2101, 0.2765

Previews

White Background



This preview shows how the Yxy color 45.6542, 0.4383, 0.3532 looks on a white background.

Color Contrast Check

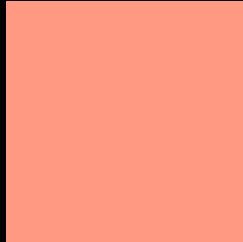
Large Text (above 18pt) WCAG AA × Fail

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 45.6542, 0.4383, 0.3532 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 45.6542, 0.4383, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 45.6542, 0.4383, 0.3532.



This preview shows how white text looks on a background with the Yxy color 45.6542, 0.4383, 0.3532.

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

45.6542, 0.4383, 0.3532

Protanopia

45.8020, 0.3551, 0.3788

Deuteranopia

45.8406, 0.3937, 0.3862



Tritanopia

45.6459, 0.4077, 0.3177

Trichromacy



Original Color

45.6542, 0.4383, 0.3532

Protanomaly

45.0315, 0.3843, 0.3683

Deuteranomaly

45.6277, 0.4107, 0.3741

Tritanomaly

45.5952, 0.4189, 0.3304

Monochromacy



Original Color

45.6542, 0.4383, 0.3532

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.1444, 0.3550, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6542, 0.4383, 0.3532 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 130) }
```

Border

The CSS property to change the border of an element to Yxy 45.6542, 0.4383, 0.3532 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, 130) }
```

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

```
.border{ border-color:rgb(255, 153, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6542, 0.4383, 0.3532 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, 130) }
```

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

```
.background{ background-color: rgb(255,  
153, 130) }
```

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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