

Converting Colors

$Y_{xy}(52.2757, 0.4796, 0.3569)$

Have a look what the booklet for
Yxy(52.2757, 0.4796, 0.3569)
contains.

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Color

Yxy(44.7251, 0.4504, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	FF9777
RGB	255, 151, 119
RGB Percent	100%, 59%, 47%
CMY	0.0001, 0.4078, 0.5333
CMYK	0.00, 0.41, 0.53, 0.00
HSL	14°, 100%, 73%
HSV	14°, 53%, 100%
XYZ	55.6316, 44.7251, 23.1592
YIQ	178.4480, 72.2560, 12.0960

Conversions

Conversions Part 2

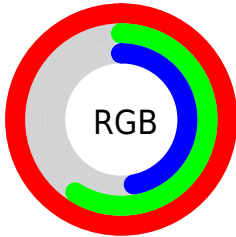
Format	Color
R_{YB}	255, 161, 119
Decimal	16750455
CIE _{Lab}	72.71, 35.87, 33.56
CIE _{LCh}	73, 49.126, 43.096
Yxy	44.7251, 0.4504, 0.3621
Android (android.graphics.Color)	4294940535 (0xFFFF9777)
YUV	178.4480, -29.3079, 67.1361
Hunter-Lab	66.8768, 31.4509, 26.2818

Details

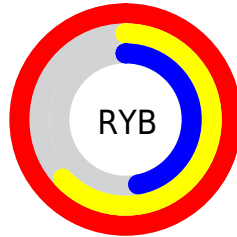
The Yxy color **44.7251, 0.4504, 0.3621** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **63.9068, 0.2364, 0.2903**, and the grayscale version is **44.9030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3812, 0.3771, 0.3644**, and **20.8352, 0.4880, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **38.4285, 0.4895, 0.3659**, and if you desaturate by 10%, it is **52.2284, 0.4149, 0.3566**.

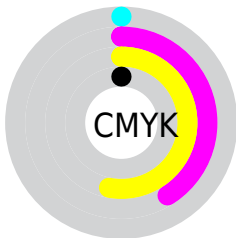
Distribution



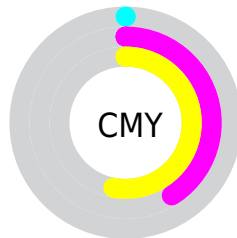
- Red (100%)
- Green (59%)
- Blue (47%)



- Red (100%)
- Yellow (63%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7251, 0.4504, 0.3621 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 44.7251, 0.4504, 0.3621 by changing the saturation by 10% instead.

 44.7251, 0.4504,
0.3621


 44.7251, 0.4504,
0.3621


365.6591, 0.3810,
0.3497

 31.2410, 0.4674,
0.3637


 82.3077, 0.4253,
0.3586

 20.7824, 0.4888,
0.3649


 107.1750, 0.4158,
0.3570

 12.9650, 0.5163,
0.3650


 136.6055, 0.4078,
0.3555

 7.4045, 0.5525,
0.3622

170.9835, 0.4009,
0.3541

 3.7163, 0.6067,
0.3559

210.6935, 0.3949,
0.3529

 1.5162, 0.6710,
0.3290

256.1198, 0.3897,

 0.3001, 0.8004,

0.3517

0.1996

307.6469, 0.3851,
0.3506

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.7251, 0.4504,
0.3621

44.7251, 0.4504,
0.3621

38.4285, 0.4895,
0.3659

52.2284, 0.4149,
0.3566

33.2673, 0.5300,
0.3668

60.9909, 0.3841,
0.3502

29.1729, 0.5679,
0.3639

71.0703, 0.3580,
0.3435

26.0656, 0.5985,
0.3569

82.5187, 0.3362,
0.3370

■ 24.4887, 0.6138,
0.3508

■ 95.3852, 0.3180,
0.3309

99.9960, 0.3127,
0.3290

Harmonies

Analogous

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



44.7251, 0.4202, 0.3104



44.7251, 0.4504, 0.3621



44.7251, 0.4379, 0.4127

Triad

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



44.7251, 0.4504, 0.3621



44.7251, 0.2615, 0.4077



44.7251, 0.2302, 0.2222

Complementary

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



44.7251, 0.4504, 0.3621



63.9068, 0.2364, 0.2903

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.



44.7251, 0.1981, 0.2336



44.7251, 0.4504, 0.3621



44.7251, 0.2135, 0.3355

Square

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



44.7251, 0.4504, 0.3621



44.7251, 0.3265, 0.4525



44.7251, 0.1921, 0.2716



44.7251, 0.2864, 0.2341

Rectangle

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



44.7251, 0.4504, 0.3621



44.7251, 0.4097, 0.4401



44.7251, 0.1921, 0.2716



44.7251, 0.2167, 0.2233

Sweetspot

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



44.7274, 0.4504, 0.3621



79.3304, 0.3416, 0.3388



39.7958, 0.3488, 0.2268



16.4676, 0.3460, 0.3401



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.



44.7274, 0.4504, 0.3621



38.0503, 0.4923, 0.3660



73.1069, 0.4088, 0.4280



18.6808, 0.3288, 0.3347



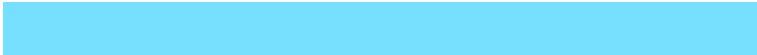
12.9864, 0.6112, 0.3529



1.4234, 0.5897, 0.3699

Inverse Universe

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



63.9068, 0.2364, 0.2903



58.8998, 0.2250, 0.2811



34.6764, 0.2183, 0.2023



19.7140, 0.2980, 0.3233



24.4040, 0.2030, 0.2509



2.5428, 0.2058, 0.2609

Previews

White Background



This preview shows how the Yxy color 44.7251, 0.4504, 0.3621 looks on a white background.

Color Contrast Check

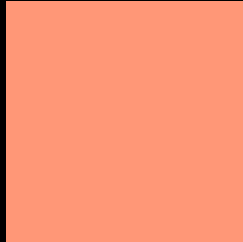
Large Text (above 18pt) WCAG AA × Fail

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 44.7251, 0.4504, 0.3621 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 44.7251, 0.4504, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 44.7251, 0.4504, 0.3621.



This preview shows how white text looks on a background with the Yxy color 44.7251, 0.4504, 0.3621.

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

44.7251, 0.4504, 0.3621

Protanopia

45.0854, 0.3648, 0.3920

Deuteranopia

44.8107, 0.4044, 0.3967



Tritanopia

44.5961, 0.4122, 0.3178

Trichromacy



Original Color

44.7251, 0.4504, 0.3621

Protanomaly

44.3553, 0.3948, 0.3804

Deuteranomaly

44.6349, 0.4220, 0.3840

Tritanomaly

44.4534, 0.4266, 0.3335

Monochromacy



Original Color

44.7251, 0.4504, 0.3621

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.5614, 0.3586, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7251, 0.4504, 0.3621 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, 151, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 119)  
}
```

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, 151, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 119) }
```

Border

The CSS property to change the border of an element to Yxy 44.7251, 0.4504, 0.3621 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, 151, 119) }
```

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

```
.border{ border-color:rgb(255, 151, 119) }
```

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

Here you see how a box with a 4 pixel rgb(255, 151, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7251, 0.4504, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 119) }
```

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

```
.background{ background-color: rgb(255,  
151, 119) }
```

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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