

Converting Colors

Yxy(56.6813, 0.4938, 0.3501)

Have a look what the booklet for
Yxy(56.6813, 0.4938, 0.3501)
contains.

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Color

Yxy(44.1600, 0.4488, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	FF957A
RGB	255, 149, 122
RGB Percent	100%, 58%, 48%
CMY	0.0000, 0.4157, 0.5217
CMYK	0.00, 0.42, 0.52, 0.00
HSL	12°, 100%, 74%
HSV	12°, 52%, 100%
XYZ	55.4999, 44.1600, 24.0030
YIQ	177.6160, 71.8430, 14.0750

Conversions

Conversions Part 2

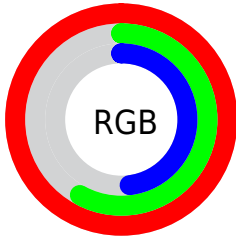
Format	Color
R_{YB}	255, 156, 122
Decimal	16749946
CIE _{Lab}	72.34, 37.16, 31.48
CIE _{LCh}	72, 48.704, 40.274
Yxy	44.1600, 0.4488, 0.3571
Android (android.graphics.Color)	4294940026 (0xFFFF957A)
YUV	177.6160, -27.4187, 67.8658
Hunter-Lab	66.4530, 32.7860, 25.1014

Details

The Yxy color **44.1600, 0.4488, 0.3571** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66.8259, 0.2388, 0.2966**, and the grayscale version is **44.4266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5409, 0.3754, 0.3593**, and **20.3161, 0.4872, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **37.7320, 0.4889, 0.3604**, and if you desaturate by 10%, it is **51.8789, 0.4128, 0.3522**.

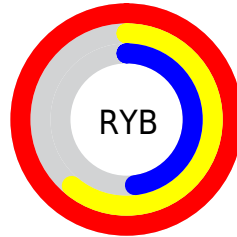
Distribution



Red (100%)

Green (58%)

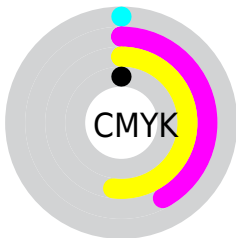
Blue (48%)



Red (100%)

Yellow (61%)

Blue (48%)

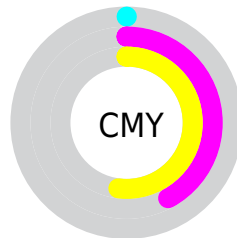


Cyan (0%)

Magenta (42%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1600, 0.4488, 0.3571 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 44.1600, 0.4488, 0.3571 by changing the saturation by 10% instead.


 44.1600, 0.4488,
0.3571


 44.1600, 0.4488,
0.3571


363.3608, 0.3799,
0.3469

 30.7963, 0.4658,
0.3583


 81.4584, 0.4238,
0.3544

 20.4438, 0.4873,
0.3589


 106.1620, 0.4144,
0.3531

 12.7181, 0.5151,
0.3584


 135.4143, 0.4064,
0.3518

 7.2347, 0.5520,
0.3549

169.5997, 0.3996,
0.3507

 3.6093, 0.6059,
0.3469

209.1027, 0.3937,
0.3496

 1.4575, 0.6783,
0.3217

254.3076, 0.3885,

 0.2585, 0.8219,

0.3486

0.1781

305.5988, 0.3840,
0.3477

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.1600, 0.4488,
0.3571

44.1600, 0.4488,
0.3571

37.7320, 0.4889,
0.3604

51.8789, 0.4128,
0.3522

32.5181, 0.5308,
0.3613

60.9491, 0.3817,
0.3467

28.4412, 0.5702,
0.3587

71.4339, 0.3557,
0.3409

25.4125, 0.6021,
0.3524

83.3906, 0.3340,
0.3353

■ 23.6996, 0.6199,
0.3460

■ 96.8735, 0.3162,
0.3301

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.



44.1600, 0.4149, 0.3059



44.1600, 0.4488, 0.3571



44.1600, 0.4402, 0.4080

Triad

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



44.1600, 0.4488, 0.3571



44.1600, 0.2673, 0.4133



44.1600, 0.2265, 0.2227

Complementary

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



44.1600, 0.4488, 0.3571



66.8259, 0.2388, 0.2966

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.



44.1600, 0.1968, 0.2364



44.1600, 0.4488, 0.3571



44.1600, 0.2174, 0.3424

Square

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



44.1600, 0.4488, 0.3571



44.1600, 0.3329, 0.4537



44.1600, 0.1934, 0.2769



44.1600, 0.2804, 0.2324

Rectangle

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



44.1600, 0.4488, 0.3571



44.1600, 0.4140, 0.4364



44.1600, 0.1934, 0.2769



44.1600, 0.2137, 0.2245

Sweetspot

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



44.1618, 0.4488, 0.3571



78.6288, 0.3418, 0.3374



40.7968, 0.3433, 0.2250



16.3022, 0.3463, 0.3386



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.



44.1618, 0.4488, 0.3571



37.2517, 0.4924, 0.3606



71.3128, 0.4089, 0.4222



18.5847, 0.3289, 0.3339



12.5508, 0.6174, 0.3480



1.3683, 0.5968, 0.3643

Inverse Universe

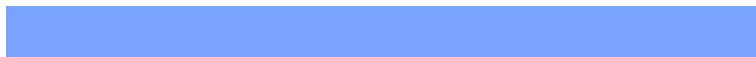
The Inverse Universe completely reimagines the original color for something new.



66.8259, 0.2388, 0.2966



62.0499, 0.2276, 0.2886



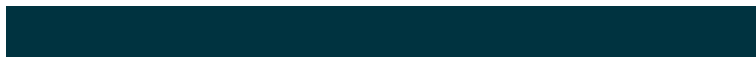
37.1556, 0.2216, 0.2113



19.8175, 0.2980, 0.3241



26.3552, 0.2062, 0.2622



2.7172, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 44.1600, 0.4488, 0.3571 looks on a white background.

Color Contrast Check

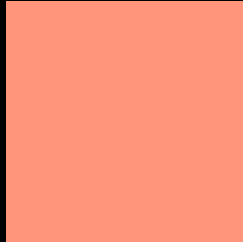
Large Text (above 18pt) WCAG AA × Fail

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 44.1600, 0.4488, 0.3571 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 44.1600, 0.4488, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 44.1600, 0.4488, 0.3571.



This preview shows how white text looks on a background with the Yxy color 44.1600, 0.4488, 0.3571.

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

44.1600, 0.4488, 0.3571

Protanopia

44.5092, 0.3607, 0.3873

Deuteranopia

44.2036, 0.4005, 0.3926



Tritanopia

44.2181, 0.4147, 0.3188

Trichromacy



Original Color

44.1600, 0.4488, 0.3571



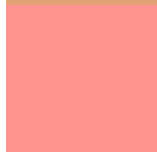
Protanomaly

43.5453, 0.3921, 0.3746



Deuteranomaly

43.6666, 0.4186, 0.3789



Tritanomaly

44.1411, 0.4271, 0.3325

Monochromacy



Original Color

44.1600, 0.4488, 0.3571



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.2279, 0.3579, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1600, 0.4488, 0.3571 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, 149, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 122)  
}
```

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, 149, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 122) }
```

Border

The CSS property to change the border of an element to Yxy 44.1600, 0.4488, 0.3571 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, 149, 122) }
```

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

```
.border{ border-color:rgb(255, 149, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1600, 0.4488, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 122) }
```

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

```
.background{ background-color: rgb(255,  
149, 122) }
```

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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