

Converting Colors

Yxy(56.6813, 0.4899, 0.3511)

Have a look what the booklet for
Yxy(56.6813, 0.4899, 0.3511)
contains.

Yxy(44.8233, 0.4465, 0.3582)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8233, 0.4465, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	FF977B
RGB	255, 151, 123
RGB Percent	100%, 59%, 48%
CMY	0.0001, 0.4077, 0.5177
CMYK	0.00, 0.41, 0.52, 0.00
HSL	13°, 100%, 74%
HSV	13°, 52%, 100%
XYZ	55.8727, 44.8233, 24.4388
YIQ	178.9040, 70.9720, 13.3400

Conversions

Conversions Part 2

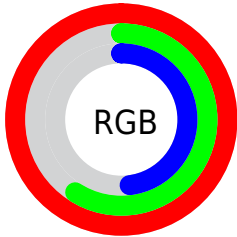
Format	Color
R_{YB}	255, 159, 123
Decimal	16750459
CIE Lab	72.78, 36.20, 31.52
CIE LCh	73, 47.994, 41.046
Yxy	44.8233, 0.4465, 0.3582
Android (android.graphics.Color)	4294940539 (0xFFFF977B)
YUV	178.9040, -27.5607, 66.7362
Hunter-Lab	66.9502, 31.8027, 25.2225

Details

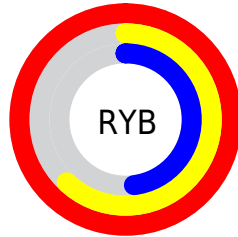
The Yxy color **44.8233, 0.4465, 0.3582** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66.3242, 0.2390, 0.2954**, and the grayscale version is **45.1483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5372, 0.3740, 0.3603**, and **20.6991, 0.4839, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **38.3448, 0.4861, 0.3618**, and if you desaturate by 10%, it is **52.5733, 0.4110, 0.3531**.

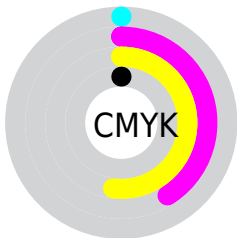
Distribution



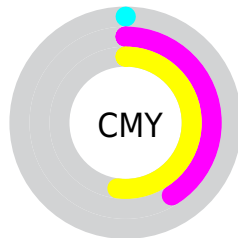
- Red (100%)
- Green (59%)
- Blue (48%)



- Red (100%)
- Yellow (62%)
- Blue (48%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8233, 0.4465, 0.3582 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 44.8233, 0.4465, 0.3582 by changing the saturation by 10% instead.


 44.8233, 0.4465,
0.3582

 44.8233, 0.4465,
0.3582


366.0574, 0.3789,
0.3474

 31.3183, 0.4631,
0.3596


 82.4552, 0.4220,
0.3552

 20.8413, 0.4841,
0.3605


 107.3508, 0.4128,
0.3538

 13.0081, 0.5113,
0.3604


 136.8122, 0.4050,
0.3525

 7.4341, 0.5473,
0.3575

171.2235, 0.3983,
0.3513

 3.7350, 0.5991,
0.3501

210.9693, 0.3925,
0.3502

 1.5265, 0.6720,
0.3280

256.4340, 0.3874,

 0.3073, 0.7990,

0.3492

0.2010

308.0019, 0.3829,
0.3482

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.8233, 0.4465,
0.3582

44.8233, 0.4465,
0.3582

38.3448, 0.4861,
0.3618

52.5733, 0.4110,
0.3531

33.0621, 0.5276,
0.3629

61.6516, 0.3804,
0.3472

28.9016, 0.5669,
0.3605

72.1196, 0.3546,
0.3412

25.7781, 0.5992,
0.3543

84.0330, 0.3332,
0.3354

■ 23.9093, 0.6182,
0.3473

■ 97.4443, 0.3155,
0.3299

99.9944, 0.3127,
0.3290

Harmonies

Analogous

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



44.8233, 0.4142, 0.3076



44.8233, 0.4465, 0.3582



44.8233, 0.4372, 0.4081

Triad

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



44.8233, 0.4465, 0.3582



44.8233, 0.2667, 0.4099



44.8233, 0.2291, 0.2244

Complementary

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



44.8233, 0.4465, 0.3582



66.3242, 0.2390, 0.2954

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.



44.8233, 0.1992, 0.2374



44.8233, 0.4465, 0.3582



44.8233, 0.2181, 0.3404

Square

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



44.8233, 0.4465, 0.3582



44.8233, 0.3310, 0.4506



44.8233, 0.1952, 0.2766



44.8233, 0.2827, 0.2345

Rectangle

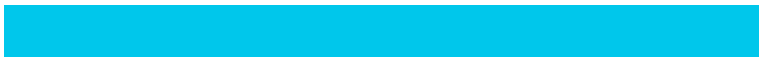
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.8233, 0.4465, 0.3582



44.8233, 0.4111, 0.4355



44.8233, 0.1952, 0.2766



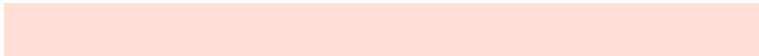
44.8233, 0.2163, 0.2260

Sweetspot

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



44.8256, 0.4465, 0.3582



78.8309, 0.3418, 0.3378



41.0486, 0.3430, 0.2257



16.3498, 0.3462, 0.3390



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.



44.8256, 0.4465, 0.3582



38.2182, 0.4871, 0.3619



71.4751, 0.4081, 0.4215



18.6124, 0.3289, 0.3341



12.6698, 0.6157, 0.3493



1.3836, 0.5948, 0.3659

Inverse Universe

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



66.3242, 0.2390, 0.2954



61.6834, 0.2281, 0.2875



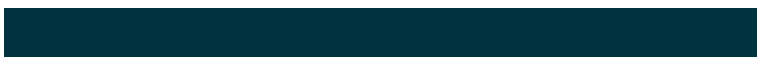
37.4720, 0.2223, 0.2124



19.7876, 0.2980, 0.3238



25.7811, 0.2053, 0.2590



2.6660, 0.2078, 0.2679

Previews

White Background



This preview shows how the Yxy color 44.8233, 0.4465, 0.3582 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 44.8233, 0.4465, 0.3582 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 44.8233, 0.4465, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 44.8233, 0.4465, 0.3582.



This preview shows how white text looks on a background with the Yxy color 44.8233, 0.4465, 0.3582.

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

44.8233, 0.4465, 0.3582

Protanopia

45.1959, 0.3614, 0.3868

Deuteranopia

44.9048, 0.4009, 0.3921



Tritanopia

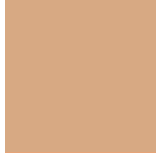
44.9084, 0.4117, 0.3188

Trichromacy



Original Color

44.8233, 0.4465, 0.3582



Protanomaly

44.4617, 0.3912, 0.3756



Deuteranomaly

44.7300, 0.4184, 0.3796



Tritanomaly

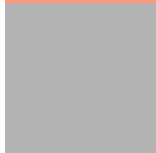
44.7992, 0.4251, 0.3335

Monochromacy



Original Color

44.8233, 0.4465, 0.3582



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

44.1445, 0.3574, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8233, 0.4465, 0.3582 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 123) }
```

Border

The CSS property to change the border of an element to Yxy 44.8233, 0.4465, 0.3582 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, 123) }
```

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

```
.border{ border-color:rgb(255, 151, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8233, 0.4465, 0.3582 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, 123) }
```

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

```
.background{ background-color: rgb(255,  
151, 123) }
```

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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