

Converting Colors

Yxy(55.1593, 0.5482, 0.3744)

Have a look what the booklet for
Yxy(55.1593, 0.5482, 0.3744)
contains.

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Color

Yxy(40.1069, 0.5063, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	FF8B41
RGB	255, 139, 65
RGB Percent	100%, 55%, 25%
CMY	0.0001, 0.4548, 0.7450
CMYK	0.00, 0.45, 0.75, 0.00
HSL	23°, 100%, 63%
HSV	23°, 75%, 100%
XYZ	51.4209, 40.1069, 10.0343
YIQ	165.2480, 92.8900, 1.5780

Conversions

Conversions Part 2

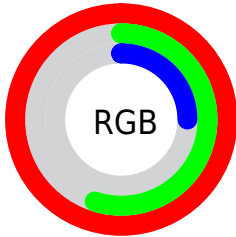
Format	Color
R _Y B	255, 186, 65
Decimal	16747329
CIE Lab	69.55, 38.68, 57.15
CIE LCh	70, 69.015, 55.908
Yxy	40.1069, 0.5063, 0.3949
Android (android.graphics.Color)	4294937409 (0xFFFF8B41)
YUV	165.2480, -49.4223, 78.7125
Hunter-Lab	63.3300, 34.1059, 34.9368

Details

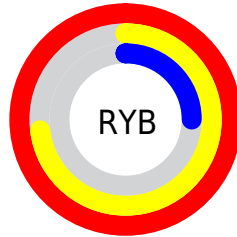
The Yxy color **40.1069, 0.5063, 0.3949** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **41.3787, 0.2056, 0.2315**, and the grayscale version is **37.9639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1279, 0.4246, 0.4071**, and **18.0404, 0.5522, 0.3955** is the 20% darker color. If you saturate the color by 10%, you get **35.6853, 0.5374, 0.3934**, and if you desaturate by 10%, it is **45.3077, 0.4732, 0.3916**.

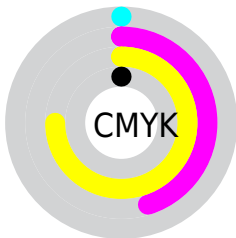
Distribution



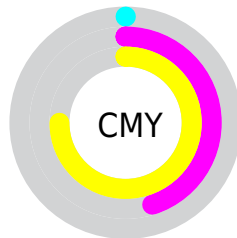
- Red (100%)
- Green (55%)
- Blue (25%)



- Red (100%)
- Yellow (73%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (75%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1069, 0.5063, 0.3949 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 40.1069, 0.5063, 0.3949 by changing the saturation by 10% instead.


 40.1069, 0.5063,
0.3949


 40.1069, 0.5063,
0.3949


346.5739, 0.4111,
0.3724

 27.6219, 0.5275,
0.3963


 75.3263, 0.4732,
0.3898

 18.0408, 0.5525,
0.3955


 98.8294, 0.4603,
0.3869

 10.9793, 0.5819,
0.3906


 126.7741, 0.4491,
0.3841

 6.0529, 0.6198,
0.3802

 159.5447, 0.4395,
0.3815

 2.8773, 0.6513,
0.3487

 197.5256, 0.4310,
0.3790

 1.0680, 0.7011,
0.2989

241.1011, 0.4236,

 0.0000, 1.0000,

0.3766

0.0000

290.6558, 0.4170,
0.3745

■ 0.0000, 0.0000,
0.0000

■ 40.1069, 0.5063,
0.3949

■ 40.1069, 0.5063,
0.3949

■ 35.6853, 0.5374,
0.3934

■ 45.3077, 0.4732,
0.3916

■ 31.9901, 0.5637,
0.3864

■ 51.3226, 0.4405,
0.3846

■ 30.2429, 0.5759,
0.3809

■ 58.1915, 0.4100,
0.3753

■ 65.9491, 0.3826,
0.3649

■ 74.6284, 0.3585,
0.3540

84.2602, 0.3377,
0.3434

94.8738, 0.3199,
0.3333

99.9956, 0.3127,
0.3290

Harmonies

Analogous

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



40.1069, 0.4947, 0.3264



40.1069, 0.5063, 0.3949



40.1069, 0.4591, 0.4642

Triad

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



40.1069, 0.5063, 0.3949



40.1069, 0.2050, 0.4008



40.1069, 0.2259, 0.1877

Complementary

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



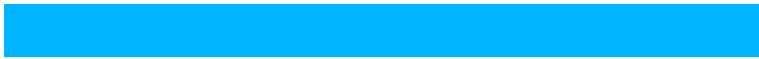
40.1069, 0.5063, 0.3949



41.3787, 0.2056, 0.2315

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.



40.1069, 0.1707, 0.1870



40.1069, 0.5063, 0.3949



40.1069, 0.1585, 0.2899

Square

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



40.1069, 0.5063, 0.3949



40.1069, 0.2852, 0.4974



40.1069, 0.1485, 0.2179



40.1069, 0.3146, 0.2149

Rectangle

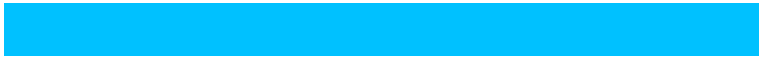
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



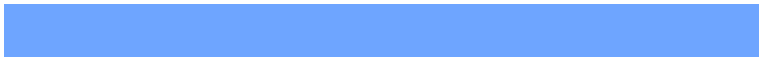
40.1069, 0.5063, 0.3949



40.1069, 0.4073, 0.5018



40.1069, 0.1485, 0.2179



40.1069, 0.2036, 0.1844

Sweetspot

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



40.1090, 0.5063, 0.3949



76.9629, 0.3530, 0.3514



28.4220, 0.4058, 0.2236



15.9357, 0.3590, 0.3543



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.



40.1090, 0.5063, 0.3949



33.9427, 0.5499, 0.3909



79.8103, 0.4249, 0.4758



19.1476, 0.3285, 0.3383



16.0745, 0.5730, 0.3833



1.7699, 0.5519, 0.4000

Inverse Universe

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



41.3787, 0.2056, 0.2315



34.9526, 0.1934, 0.2094



15.1881, 0.1750, 0.1124



19.2236, 0.2979, 0.3195



16.4351, 0.1877, 0.1957



1.8127, 0.1924, 0.2125

Previews

White Background



This preview shows how the Yxy color 40.1069, 0.5063, 0.3949 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 40.1069, 0.5063, 0.3949 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 40.1069, 0.5063, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 40.1069, 0.5063, 0.3949.



This preview shows how white text looks on a background with the Yxy color 40.1069, 0.5063, 0.3949.

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

40.1069, 0.5063, 0.3949

Protanopia

40.4390, 0.4107, 0.4515

Deuteranopia

40.2923, 0.4518, 0.4426



Tritanopia

39.9881, 0.4363, 0.3201

Trichromacy



Original Color

40.1069, 0.5063, 0.3949

Protanomaly

39.3973, 0.4465, 0.4293

Deuteranomaly

39.9421, 0.4717, 0.4244

Tritanomaly

39.8029, 0.4662, 0.3505

Monochromacy



Original Color

40.1069, 0.5063, 0.3949

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3677, 0.3821, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1069, 0.5063, 0.3949 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, 139, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 65)  
}
```

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, 139, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 65) }
```

Border

The CSS property to change the border of an element to Yxy 40.1069, 0.5063, 0.3949 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, 139, 65) }
```

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

```
.border{ border-color:rgb(255, 139, 65) }
```

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

Here you see how a box with a 4 pixel rgb(255, 139, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1069, 0.5063, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 65) }
```

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

```
.background{ background-color: rgb(255,  
139, 65) }
```

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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