

Converting Colors

$Yxy(71.4366, 0.4988, 0.3837)$

Have a look what the booklet for
Yxy(71.4366, 0.4988, 0.3837)
contains.

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Color

Yxy(54.4997, 0.4440, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	FFB368
RGB	255, 179, 104
RGB Percent	100%, 70%, 41%
CMY	0.0000, 0.2981, 0.5920
CMYK	0.00, 0.30, 0.59, 0.00
HSL	30°, 100%, 70%
HSV	30°, 59%, 100%
XYZ	59.8661, 54.4997, 20.4677
YIQ	193.1740, 69.3710, -7.2130

Conversions

Conversions Part 2

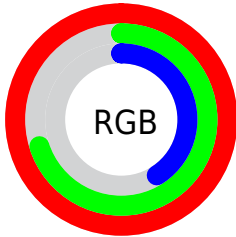
Format	Color
R_{YB}	255, 253, 104
Decimal	16757608
CIE _{Lab}	78.75, 20.18, 48.80
CIE _{LCh}	79, 52.807, 67.529
Yxy	54.4997, 0.4440, 0.4042
Android (android.graphics.Color)	4294947688 (0xFFFFB368)
YUV	193.1740, -43.9628, 54.2214
Hunter-Lab	73.8239, 15.5593, 35.2385

Details

The Yxy color **54.4997, 0.4440, 0.4042** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **42.8205, 0.2183, 0.2331**, and the grayscale version is **53.6683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1110, 0.3776, 0.4074**, and **26.7902, 0.4751, 0.4156** is the 20% darker color. If you saturate the color by 10%, you get **49.1473, 0.4720, 0.4121**, and if you desaturate by 10%, it is **60.4848, 0.4165, 0.3933**.

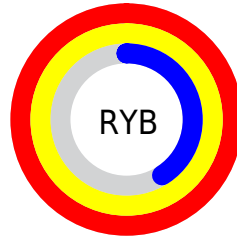
Distribution



Red (100%)

Green (70%)

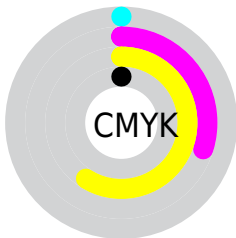
Blue (41%)



Red (100%)

Yellow (99%)

Blue (41%)

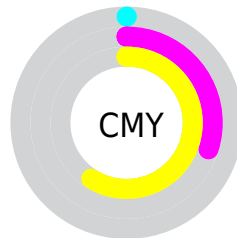


Cyan (0%)

Magenta (30%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4997, 0.4440, 0.4042 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 54.4997, 0.4440, 0.4042 by changing the saturation by 10% instead.

 54.4997, 0.4440,
0.4042


 54.4997, 0.4440,
0.4042


404.0127, 0.3815,
0.3723

 39.0013, 0.4580,
0.4101


 96.8076, 0.4224,
0.3941


 26.7607, 0.4749,
0.4164

 124.3858, 0.4139,
0.3899

 17.3936, 0.4953,
0.4226


 156.7595, 0.4066,
0.3861

 10.5155, 0.5199,
0.4276

 194.3129, 0.4003,
0.3828

 5.7421, 0.5593,
0.4366

237.4306, 0.3947,
0.3797

 2.6889, 0.5814,
0.4186

286.4968, 0.3898,

 0.9716, 0.6151,

0.3770

341.8960, 0.3854,
0.3746

0.3849

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4997, 0.4440,
0.4042

54.4997, 0.4440,
0.4042

49.1473, 0.4720,
0.4121

60.4848, 0.4165,
0.3933

44.4045, 0.4990,
0.4155

67.1325, 0.3907,
0.3806

40.2389, 0.5231,
0.4136

74.4648, 0.3671,
0.3671

36.6101, 0.5431,
0.4064

82.5037, 0.3462,
0.3535

■ 36.3416, 0.5446,
0.4058

■ 91.2703, 0.3277,
0.3404

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.



54.4997, 0.4489, 0.3524



54.4997, 0.4440, 0.4042



54.4997, 0.4023, 0.4455

Triad

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



54.4997, 0.4440, 0.4042



54.4997, 0.2200, 0.3493



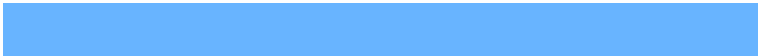
54.4997, 0.2741, 0.2298

Complementary

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



54.4997, 0.4440, 0.4042



42.8205, 0.2183, 0.2331

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.



54.4997, 0.2218, 0.2219



54.4997, 0.4440, 0.4042



54.4997, 0.1933, 0.2814

Square

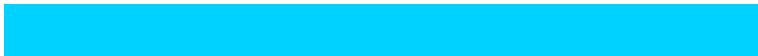
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4997, 0.4440, 0.4042



54.4997, 0.2724, 0.4198



54.4997, 0.1943, 0.2380



54.4997, 0.3439, 0.2579

Rectangle

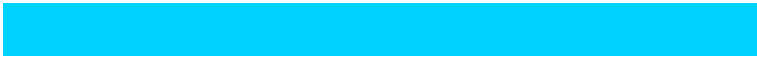
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.4997, 0.4440, 0.4042



54.4997, 0.3615, 0.4576



54.4997, 0.1943, 0.2380



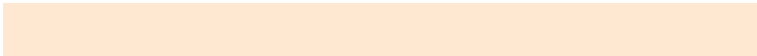
54.4997, 0.2542, 0.2247

Sweetspot

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



54.4982, 0.4440, 0.4042



83.5210, 0.3438, 0.3519



34.5449, 0.3981, 0.2517



17.3549, 0.3495, 0.3558



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.



54.4982, 0.4440, 0.4042



48.2519, 0.4770, 0.4130



92.1851, 0.3982, 0.4664



19.4771, 0.3282, 0.3408



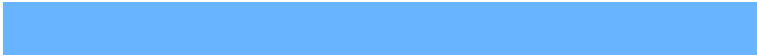
19.2874, 0.5421, 0.4078



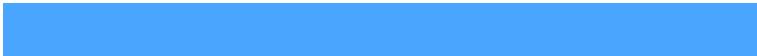
2.0962, 0.5243, 0.4219

Inverse Universe

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



42.8205, 0.2183, 0.2331



35.6193, 0.2025, 0.2100



20.5853, 0.1976, 0.1404



18.8891, 0.2979, 0.3169



12.1900, 0.1774, 0.1585



1.4054, 0.1831, 0.1790

Previews

White Background



This preview shows how the Yxy color 54.4997, 0.4440, 0.4042 looks on a white background.

Color Contrast Check

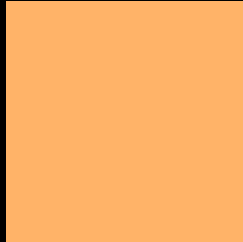
Large Text (above 18pt) WCAG AA × Fail

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 54.4997, 0.4440, 0.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

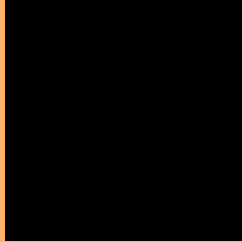
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4997, 0.4440, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 54.4997, 0.4440, 0.4042.



This preview shows how white text looks on a background with the Yxy color 54.4997, 0.4440, 0.4042.

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

54.4997, 0.4440, 0.4042

Protanopia

54.6031, 0.3946, 0.4279

Deuteranopia

54.6024, 0.4278, 0.4179



Tritanopia

54.6078, 0.3771, 0.3176

Trichromacy



Original Color

54.4997, 0.4440, 0.4042

Protanomaly

54.3009, 0.4128, 0.4187

Deuteranomaly

54.2587, 0.4334, 0.4123

Tritanomaly

54.2865, 0.4032, 0.3503

Monochromacy



Original Color

54.4997, 0.4440, 0.4042

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1386, 0.3586, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4997, 0.4440, 0.4042 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, 179, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 104)  
}
```

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, 179, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 104) }
```

Border

The CSS property to change the border of an element to Yxy 54.4997, 0.4440, 0.4042 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, 179, 104) }
```

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

```
.border{ border-color:rgb(255, 179, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 179, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 179, 104); box-shadow:4px 4px 4px 4px rgb(255, 179, 104) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4997, 0.4440, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 104) }
```

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

```
.background{ background-color: rgb(255,  
179, 104) }
```

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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