

Converting Colors

Yxy(53.6558, 0.4440, 0.4003)

Have a look what the booklet for
Yxy(53.6558, 0.4440, 0.4003)
contains.

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Color

Yxy(53.7449, 0.4439, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	FFB16A
RGB	255, 177, 106
RGB Percent	100%, 69%, 42%
CMY	0.0000, 0.3059, 0.5841
CMYK	0.00, 0.31, 0.58, 0.00
HSL	29°, 100%, 71%
HSV	29°, 58%, 100%
XYZ	59.5689, 53.7449, 20.8807
YIQ	192.2280, 69.2790, -5.5450

Conversions

Conversions Part 2

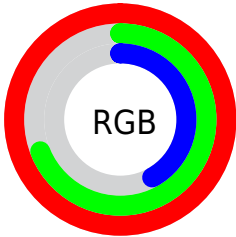
Format	Color
R_{YB}	255, 242, 106
Decimal	16757098
CIE _{Lab}	78.31, 21.37, 47.27
CIE _{LCh}	78, 51.879, 65.677
Yxy	53.7449, 0.4439, 0.4005
Android (android.graphics.Color)	4294947178 (0xFFFFB16A)
YUV	192.2280, -42.5104, 55.0510
Hunter-Lab	73.3109, 16.7465, 34.4305

Details

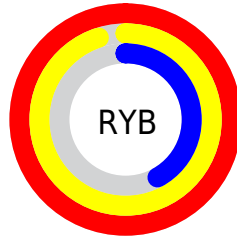
The Yxy color **53.7449, 0.4439, 0.4005** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.5857, 0.2203, 0.2387**, and the grayscale version is **53.0768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0410, 0.3770, 0.4036**, and **26.3029, 0.4758, 0.4113** is the 20% darker color. If you saturate the color by 10%, you get **48.2714, 0.4729, 0.4082**, and if you desaturate by 10%, it is **59.8928, 0.4157, 0.3899**.

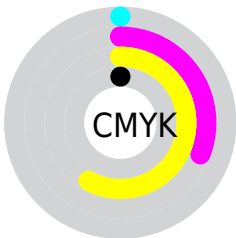
Distribution



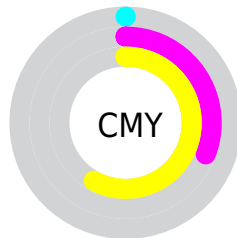
- Red (100%)
- Green (69%)
- Blue (42%)



- Red (100%)
- Yellow (95%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7449, 0.4439, 0.4005 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 53.7449, 0.4439, 0.4005 by changing the saturation by 10% instead.


 53.7449, 0.4439,
0.4005

 53.7449, 0.4439,
0.4005


401.1365, 0.3811,
0.3703

 38.3978, 0.4581,
0.4061

 95.6996, 0.4221,
0.3910

 26.2915, 0.4753,
0.4120


 123.0759, 0.4136,
0.3869

 17.0419, 0.4963,
0.4179


 155.2308, 0.4062,
0.3834

 10.2643, 0.5218,
0.4224

 192.5485, 0.3999,
0.3802

 5.5746, 0.5617,
0.4300

235.4136, 0.3943,
0.3773

 2.5882, 0.5876,
0.4124

284.2103, 0.3894,

 0.9207, 0.6238,

0.3747

339.3232, 0.3850,
0.3724

0.3762

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7449, 0.4439,
0.4005

53.7449, 0.4439,
0.4005

48.2714, 0.4729,
0.4082

59.8928, 0.4157,
0.3899

43.4424, 0.5011,
0.4116

66.7411, 0.3895,
0.3776

39.2255, 0.5265,
0.4097

74.3152, 0.3658,
0.3646

35.5807, 0.5475,
0.4024

82.6385, 0.3448,
0.3516

■ 35.0493, 0.5507,
0.4010

■ 91.7333, 0.3263,
0.3390

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.



53.7449, 0.4460, 0.3491



53.7449, 0.4439, 0.4005



53.7449, 0.4046, 0.4423

Triad

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



53.7449, 0.4439, 0.4005



53.7449, 0.2237, 0.3537



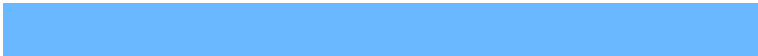
53.7449, 0.2708, 0.2297

Complementary

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



53.7449, 0.4439, 0.4005



44.5857, 0.2203, 0.2387

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.



53.7449, 0.2204, 0.2234



53.7449, 0.4439, 0.4005



53.7449, 0.1955, 0.2856

Square

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



53.7449, 0.4439, 0.4005



53.7449, 0.2768, 0.4220



53.7449, 0.1948, 0.2410



53.7449, 0.3391, 0.2565

Rectangle

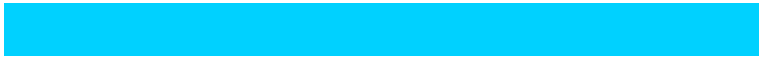
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.7449, 0.4439, 0.4005



53.7449, 0.3651, 0.4556



53.7449, 0.1948, 0.2410



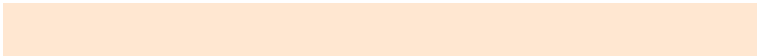
53.7449, 0.2515, 0.2252

Sweetspot

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



53.7452, 0.4439, 0.4005



83.0004, 0.3440, 0.3510



35.1000, 0.3934, 0.2501



17.2283, 0.3498, 0.3548



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.



53.7452, 0.4439, 0.4005



47.4638, 0.4774, 0.4091



90.6943, 0.3986, 0.4633



19.4145, 0.3282, 0.3404



18.6085, 0.5480, 0.4031



2.0289, 0.5295, 0.4177

Inverse Universe

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



44.5857, 0.2203, 0.2387



37.5156, 0.2049, 0.2169



21.6572, 0.1998, 0.1458



18.9519, 0.2979, 0.3174



12.9153, 0.1793, 0.1654



1.4764, 0.1848, 0.1852

Previews

White Background



This preview shows how the Yxy color 53.7449, 0.4439, 0.4005 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 53.7449, 0.4439, 0.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

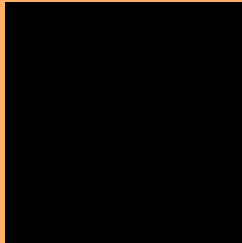
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7449, 0.4439, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 53.7449, 0.4439, 0.4005.



This preview shows how white text looks on a background with the Yxy color 53.7449, 0.4439, 0.4005.

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

53.7449, 0.4439, 0.4005

Protanopia

53.8996, 0.3920, 0.4255

Deuteranopia

53.8745, 0.4253, 0.4158



Tritanopia

53.7632, 0.3796, 0.3176

Trichromacy



Original Color

53.7449, 0.4439, 0.4005

Protanomaly

53.5862, 0.4102, 0.4164

Deuteranomaly

53.7089, 0.4318, 0.4099

Tritanomaly

53.4802, 0.4050, 0.3493

Monochromacy



Original Color

53.7449, 0.4439, 0.4005

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5609, 0.3580, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7449, 0.4439, 0.4005 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, 177, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 106)  
}
```

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, 177, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 106) }
```

Border

The CSS property to change the border of an element to Yxy 53.7449, 0.4439, 0.4005 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, 177, 106) }
```

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

```
.border{ border-color:rgb(255, 177, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7449, 0.4439, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 106) }
```

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

```
.background{ background-color: rgb(255,  
177, 106) }
```

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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