

Converting Colors

$Yxy(69.3308, 0.4907, 0.3855)$

Have a look what the booklet for
Yxy(69.3308, 0.4907, 0.3855)
contains.

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Color

Yxy(54.9431, 0.4418, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	FFB46A
RGB	255, 180, 106
RGB Percent	100%, 71%, 42%
CMY	0.0001, 0.2941, 0.5844
CMYK	0.00, 0.29, 0.58, 0.00
HSL	30°, 100%, 71%
HSV	30°, 58%, 100%
XYZ	60.1583, 54.9431, 21.0649
YIQ	193.9890, 68.4540, -7.1140

Conversions

Conversions Part 2

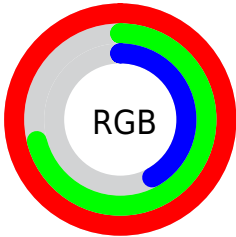
Format	Color
RYB	255, 253, 106
Decimal	16757866
CIELab	79.01, 19.78, 48.14
CIElCh	79, 52.039, 67.666
Yxy	54.9431, 0.4418, 0.4035
Android (android.graphics.Color)	4294947946 (0xFFFFB46A)
YUV	193.9890, -43.3786, 53.5066
Hunter-Lab	74.1236, 15.1532, 35.0371

Details

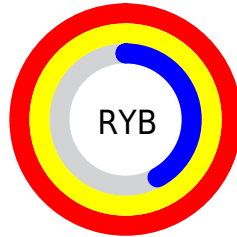
The Yxy color **54.9431, 0.4418, 0.4035** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.3117, 0.2194, 0.2346**, and the grayscale version is **54.1737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7541, 0.3759, 0.4063**, and **27.0664, 0.4724, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **49.5487, 0.4698, 0.4116**, and if you desaturate by 10%, it is **60.9801, 0.4144, 0.3924**.

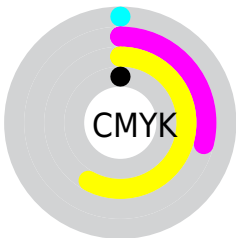
Distribution



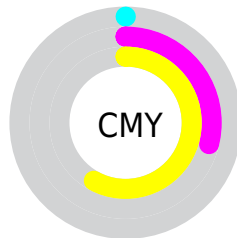
- Red (100%)
- Green (71%)
- Blue (42%)



- Red (100%)
- Yellow (99%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9431, 0.4418, 0.4035 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 54.9431, 0.4418, 0.4035 by changing the saturation by 10% instead.

 54.9431, 0.4418,
0.4035


 54.9431, 0.4418,
0.4035


405.6962, 0.3803,
0.3718

 39.3562, 0.4556,
0.4094


 97.4576, 0.4205,
0.3935


 27.0369, 0.4722,
0.4158


 125.1539, 0.4122,
0.3892

 17.6009, 0.4924,
0.4222


 157.6555, 0.4050,
0.3855

 10.6639, 0.5168,
0.4276

 195.3468, 0.3988,
0.3821

 5.8413, 0.5543,
0.4359

238.6121, 0.3933,
0.3791

 2.7488, 0.5790,
0.4210

287.8358, 0.3885,

 1.0020, 0.6117,

0.3765

0.3883

343.4024, 0.3842,
0.3740

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9431, 0.4418,
0.4035

54.9431, 0.4418,
0.4035

49.5487, 0.4698,
0.4116

60.9801, 0.4144,
0.3924

44.7615, 0.4970,
0.4155

67.6767, 0.3888,
0.3796

40.5534, 0.5213,
0.4140

75.0590, 0.3654,
0.3661

36.8863, 0.5416,
0.4071

83.1489, 0.3446,
0.3525

36.3556, 0.5446,
0.4058

91.9674, 0.3263,
0.3395

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



54.9431, 0.4466, 0.3525



54.9431, 0.4418, 0.4035



54.9431, 0.4007, 0.4438

Triad

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



54.9431, 0.4418, 0.4035



54.9431, 0.2213, 0.3487



54.9431, 0.2751, 0.2313

Complementary

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



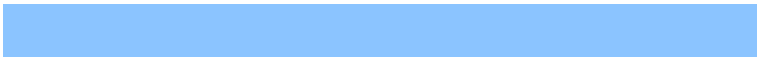
54.9431, 0.4418, 0.4035



43.3117, 0.2194, 0.2346

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.



54.9431, 0.2234, 0.2235



54.9431, 0.4418, 0.4035



54.9431, 0.1950, 0.2820

Square

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



54.9431, 0.4418, 0.4035



54.9431, 0.2729, 0.4178



54.9431, 0.1961, 0.2394



54.9431, 0.3437, 0.2591

Rectangle

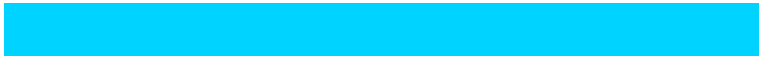
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9431, 0.4418, 0.4035



54.9431, 0.3606, 0.4554



54.9431, 0.1961, 0.2394



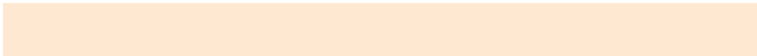
54.9431, 0.2554, 0.2263

Sweetspot

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



54.9458, 0.4418, 0.4035



83.5282, 0.3438, 0.3520



34.9795, 0.3965, 0.2525



17.3567, 0.3495, 0.3559



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.



54.9458, 0.4418, 0.4035



48.7664, 0.4742, 0.4126



92.2344, 0.3974, 0.4651



19.4779, 0.3282, 0.3408



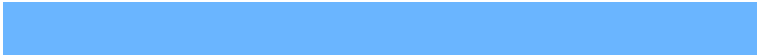
19.2970, 0.5420, 0.4079



2.0972, 0.5243, 0.4219

Inverse Universe

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



43.3117, 0.2194, 0.2346



36.1636, 0.2037, 0.2119



21.1061, 0.1992, 0.1430



18.8882, 0.2979, 0.3169



12.1802, 0.1774, 0.1584



1.4045, 0.1830, 0.1789

Previews

White Background



This preview shows how the Yxy color 54.9431, 0.4418, 0.4035 looks on a white background.

Color Contrast Check

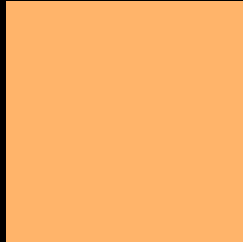
Large Text (above 18pt) WCAG AA × Fail

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 54.9431, 0.4418, 0.4035 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 54.9431, 0.4418, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 54.9431, 0.4418, 0.4035.



This preview shows how white text looks on a background with the Yxy color 54.9431, 0.4418, 0.4035.

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

54.9431, 0.4418, 0.4035

Protanopia

55.0968, 0.3927, 0.4268

Deuteranopia

55.0654, 0.4257, 0.4171



Tritanopia

55.0349, 0.3759, 0.3176

Trichromacy



Original Color

54.9431, 0.4418, 0.4035

Protanomaly

54.7757, 0.4108, 0.4177

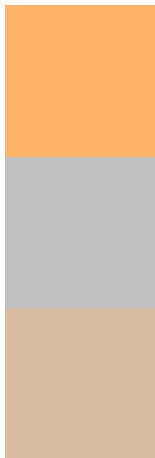
Deuteranomaly

54.7134, 0.4313, 0.4115

Tritanomaly

54.7110, 0.4019, 0.3503

Monochromacy



Original Color

54.9431, 0.4418, 0.4035

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6028, 0.3575, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9431, 0.4418, 0.4035 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, 180, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 106) }
```

Border

The CSS property to change the border of an element to Yxy 54.9431, 0.4418, 0.4035 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, 180, 106) }
```

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

```
.border{ border-color:rgb(255, 180, 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, 180, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9431, 0.4418, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 106) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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