

Converting Colors

Yxy(52.5911, 0.4723, 0.3909)

Have a look what the booklet for
Yxy(52.5911, 0.4723, 0.3909)
contains.

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Color

Yxy(49.0521, 0.4590, 0.3957)

Conversions

Conversions Part 1

Format	Color
Hex	FFA562
RGB	255, 165, 98
RGB Percent	100%, 65%, 38%
CMY	0.0000, 0.3529, 0.6159
CMYK	0.00, 0.35, 0.62, 0.00
HSL	26°, 100%, 69%
HSV	26°, 62%, 100%
XYZ	56.8989, 49.0521, 18.0118
YIQ	184.2720, 75.1470, -1.7570

Conversions

Conversions Part 2

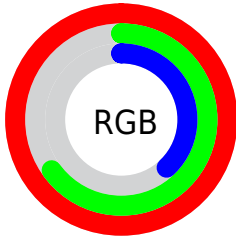
Format	Color
R_{YB}	255, 215, 98
Decimal	16754018
CIE _{Lab}	75.48, 27.07, 47.94
CIE _{LCh}	75, 55.056, 60.548
Yxy	49.0521, 0.4590, 0.3957
Android (android.graphics.Color)	4294944098 (0xFFFFA562)
YUV	184.2720, -42.5321, 62.0285
Hunter-Lab	70.0372, 22.4501, 33.7782

Details

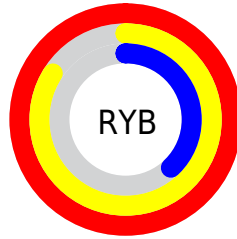
The Yxy color **49.0521, 0.4590, 0.3957** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.7563, 0.2183, 0.2433**, and the grayscale version is **48.2983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6484, 0.3880, 0.4004**, and **23.4930, 0.4946, 0.4051** is the 20% darker color. If you saturate the color by 10%, you get **43.6729, 0.4903, 0.4011**, and if you desaturate by 10%, it is **55.1905, 0.4284, 0.3870**.

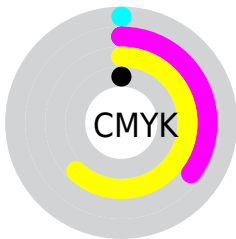
Distribution



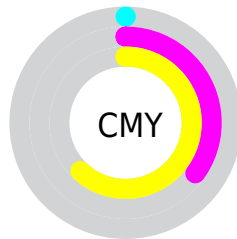
- Red (100%)
- Green (65%)
- Blue (38%)



- Red (100%)
- Yellow (84%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0521, 0.4590, 0.3957 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 49.0521, 0.4590, 0.3957 by changing the saturation by 10% instead.


 49.0521, 0.4590,
0.3957


 49.0521, 0.4590,
0.3957


382.9474, 0.3879,
0.3685

 34.6608, 0.4753,
0.4002


 88.7688, 0.4341,
0.3875

 23.4017, 0.4950,
0.4045


 114.8631, 0.4244,
0.3839

 14.8904, 0.5191,
0.4079


 145.6271, 0.4162,
0.3806

 8.7425, 0.5483,
0.4084


 181.4452, 0.4090,
0.3777

 4.5736, 0.5920,
0.4080

222.7019, 0.4027,
0.3751

 1.9993, 0.6213,
0.3787

269.7816, 0.3972,

 0.6071, 0.6822,

0.3727

0.3178

323.0686, 0.3923,
0.3705

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.0521, 0.4590,
0.3957

■ 49.0521, 0.4590,
0.3957

■ 43.6729, 0.4903,
0.4011

■ 55.1905, 0.4284,
0.3870

■ 39.0122, 0.5204,
0.4018

■ 62.1152, 0.3999,
0.3764

■ 35.0323, 0.5468,
0.3971

■ 69.8579, 0.3743,
0.3647

■ 32.1716, 0.5652,
0.3894

■ 78.4471, 0.3517,
0.3530

87.9095, 0.3321,
0.3415

98.2706, 0.3152,
0.3307

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.



49.0521, 0.4541, 0.3399



49.0521, 0.4590, 0.3957



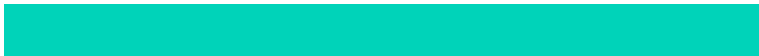
49.0521, 0.4213, 0.4450

Triad

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



49.0521, 0.4590, 0.3957



49.0521, 0.2238, 0.3697



49.0521, 0.2559, 0.2192

Complementary

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



49.0521, 0.4590, 0.3957



45.7563, 0.2183, 0.2433

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.



49.0521, 0.2062, 0.2161



49.0521, 0.4590, 0.3957



49.0521, 0.1890, 0.2920

Square

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



49.0521, 0.4590, 0.3957



49.0521, 0.2847, 0.4419



49.0521, 0.1836, 0.2391



49.0521, 0.3277, 0.2444

Rectangle

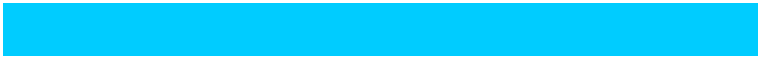
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.0521, 0.4590, 0.3957



49.0521, 0.3803, 0.4652



49.0521, 0.1836, 0.2391



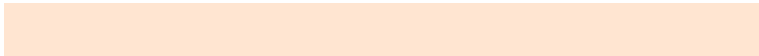
49.0521, 0.2364, 0.2155

Sweetspot

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



49.0539, 0.4590, 0.3957



81.7402, 0.3443, 0.3488



33.6849, 0.3901, 0.2396



16.9222, 0.3503, 0.3522



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.



49.0539, 0.4590, 0.3957



42.4841, 0.4978, 0.4017



85.5932, 0.4066, 0.4630



19.2622, 0.3284, 0.3392



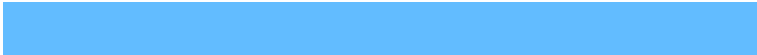
17.0922, 0.5624, 0.3917



1.8756, 0.5423, 0.4076

Inverse Universe

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



45.7563, 0.2183, 0.2433



38.8269, 0.2035, 0.2224



21.1913, 0.1955, 0.1440



19.1061, 0.2979, 0.3186



14.8363, 0.1840, 0.1825



1.6614, 0.1891, 0.2007

Previews

White Background



This preview shows how the Yxy color 49.0521, 0.4590, 0.3957 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 49.0521, 0.4590, 0.3957 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 49.0521, 0.4590, 0.3957

Background



This preview shows how black text looks on a background with the Yxy color 49.0521, 0.4590, 0.3957.



This preview shows how white text looks on a background with the Yxy color 49.0521, 0.4590, 0.3957.

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

49.0521, 0.4590, 0.3957

Protanopia

49.1169, 0.3943, 0.4276

Deuteranopia

49.3250, 0.4287, 0.4204



Tritanopia

48.9586, 0.3951, 0.3177

Trichromacy



Original Color

49.0521, 0.4590, 0.3957

Protanomaly

48.4881, 0.4181, 0.4159

Deuteranomaly

48.9088, 0.4397, 0.4111

Tritanomaly

48.7634, 0.4202, 0.3471

Monochromacy



Original Color

49.0521, 0.4590, 0.3957

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4458, 0.3633, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0521, 0.4590, 0.3957 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, 165, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 98)  
}
```

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, 165, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 98) }
```

Border

The CSS property to change the border of an element to Yxy 49.0521, 0.4590, 0.3957 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, 165, 98) }
```

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

```
.border{ border-color:rgb(255, 165, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 165, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0521, 0.4590, 0.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 98) }
```

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

```
.background{ background-color: rgb(255,  
165, 98) }
```

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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