

Converting Colors

$Y_{xy}(50.4072, 0.4370, 0.3757)$

Have a look what the booklet for
Yxy(50.4072, 0.4370, 0.3757)
contains.

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Color

Yxy(50.3026, 0.4374, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	FFA77A
RGB	255, 167, 122
RGB Percent	100%, 65%, 48%
CMY	0.0000, 0.3451, 0.5214
CMYK	0.00, 0.35, 0.52, 0.00
HSL	20°, 100%, 74%
HSV	20°, 52%, 100%
XYZ	58.5792, 50.3026, 25.0442
YIQ	188.1820, 66.8930, 4.6610

Conversions

Conversions Part 2

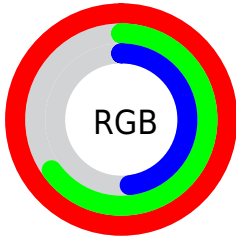
Format	Color
RYB	255, 190, 122
Decimal	16754554
CIELab	76.25, 27.86, 36.52
CIELCh	76, 45.931, 52.664
Yxy	50.3026, 0.4374, 0.3756
Android (android.graphics.Color)	4294944634 (0xFFFFA77A)
YUV	188.1820, -32.6277, 58.5994
Hunter-Lab	70.9243, 23.3127, 28.7111

Details

The Yxy color **50.3026, 0.4374, 0.3756** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **57.4722, 0.2343, 0.2740**, and the grayscale version is **50.5577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1305, 0.3695, 0.3781**, and **24.1046, 0.4712, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **43.9640, 0.4718, 0.3820**, and if you desaturate by 10%, it is **57.6107, 0.4059, 0.3673**.

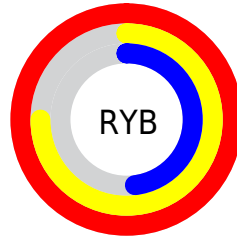
Distribution



Red (100%)

Green (65%)

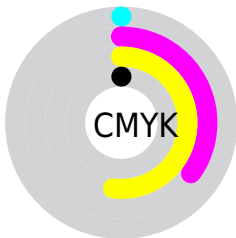
Blue (48%)



Red (100%)

Yellow (75%)

Blue (48%)

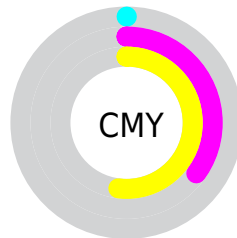


Cyan (0%)

Magenta (35%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3026, 0.4374, 0.3756 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 50.3026, 0.4374, 0.3756 by changing the saturation by 10% instead.


 50.3026, 0.4374,
0.3756

 50.3026, 0.4374,
0.3756


387.8481, 0.3759,
0.3563

 35.6539, 0.4520,
0.3790


 90.6231, 0.4155,
0.3696

 24.1670, 0.4702,
0.3826


 117.0636, 0.4071,
0.3670

 15.4576, 0.4934,
0.3860


 148.2036, 0.4000,
0.3647

 9.1411, 0.5232,
0.3880

184.4273, 0.3939,
0.3627

 4.8334, 0.5639,
0.3871

226.1192, 0.3885,
0.3608

 2.1498, 0.6218,
0.3782

273.6637, 0.3838,

 0.6924, 0.6756,

0.3592

0.3244

327.4452, 0.3796,
0.3576

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3026, 0.4374,
0.3756

50.3026, 0.4374,
0.3756

43.9640, 0.4718,
0.3820

57.6107, 0.4059,
0.3673

38.5557, 0.5076,
0.3852

65.9345, 0.3780,
0.3580

34.0277, 0.5418,
0.3840

75.3108, 0.3540,
0.3486

30.3261, 0.5713,
0.3777

85.7763, 0.3335,
0.3394

■ 27.9515, 0.5899,
0.3698

■ 97.3655, 0.3161,
0.3308

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.



50.3026, 0.4220, 0.3276



50.3026, 0.4374, 0.3756



50.3026, 0.4157, 0.4186

Triad

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



50.3026, 0.4374, 0.3756



50.3026, 0.2506, 0.3799



50.3026, 0.2522, 0.2328

Complementary

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



50.3026, 0.4374, 0.3756



57.4722, 0.2343, 0.2740

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.



50.3026, 0.2151, 0.2366



50.3026, 0.4374, 0.3756



50.3026, 0.2137, 0.3153

Square

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



50.3026, 0.4374, 0.3756



50.3026, 0.3065, 0.4305



50.3026, 0.2018, 0.2640



50.3026, 0.3090, 0.2497

Rectangle

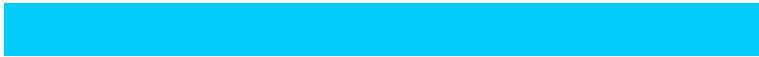
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.3026, 0.4374, 0.3756



50.3026, 0.3854, 0.4379



50.3026, 0.2018, 0.2640



50.3026, 0.2373, 0.2316

Sweetspot

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



50.3009, 0.4374, 0.3756



81.6098, 0.3410, 0.3429



39.8739, 0.3615, 0.2406



17.0062, 0.3452, 0.3448



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.



50.3009, 0.4374, 0.3756



43.4656, 0.4749, 0.3824



80.8525, 0.3995, 0.4374



18.9908, 0.3286, 0.3371



14.8515, 0.5869, 0.3722



1.6386, 0.5650, 0.3896

Inverse Universe

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



57.4722, 0.2343, 0.2740



51.2417, 0.2209, 0.2602



31.3651, 0.2171, 0.1887



19.3861, 0.2980, 0.3208



18.8435, 0.1928, 0.2142



2.0370, 0.1969, 0.2288

Previews

White Background



This preview shows how the Yxy color 50.3026, 0.4374, 0.3756 looks on a white background.

Color Contrast Check

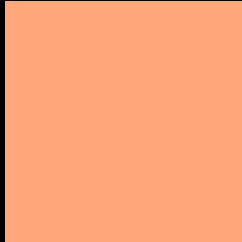
Large Text (above 18pt) WCAG AA × Fail

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 50.3026, 0.4374, 0.3756 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 50.3026, 0.4374, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 50.3026, 0.4374, 0.3756.



This preview shows how white text looks on a background with the Yxy color 50.3026, 0.4374, 0.3756.

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

50.3026, 0.4374, 0.3756

Protanopia

50.4425, 0.3724, 0.3998

Deuteranopia

50.3053, 0.4071, 0.3990



Tritanopia

50.1178, 0.3911, 0.3176

Trichromacy



Original Color

50.3026, 0.4374, 0.3756

Protanomaly

49.8890, 0.3959, 0.3900

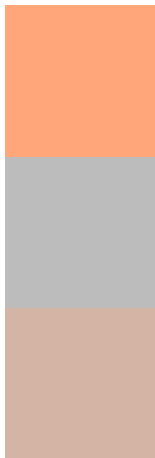
Deuteranomaly

50.0205, 0.4182, 0.3900

Tritanomaly

50.1440, 0.4090, 0.3398

Monochromacy



Original Color

50.3026, 0.4374, 0.3756

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3199, 0.3546, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3026, 0.4374, 0.3756 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, 167, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 122)  
}
```

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, 167, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 122) }
```

Border

The CSS property to change the border of an element to Yxy 50.3026, 0.4374, 0.3756 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, 167, 122) }
```

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

```
.border{ border-color:rgb(255, 167, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3026, 0.4374, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 122) }
```

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

```
.background{ background-color: rgb(255,  
167, 122) }
```

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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