

Converting Colors

$Y_{xy}(48.1025, 0.4506, 0.3806)$

Have a look what the booklet for
Yxy(48.1025, 0.4506, 0.3806)
contains.

Yxy(48.2484, 0.4504, 0.3810)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2484, 0.4504, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	FFA26F
RGB	255, 162, 111
RGB Percent	100%, 64%, 44%
CMY	0.0000, 0.3647, 0.5646
CMYK	0.00, 0.36, 0.56, 0.00
HSL	21°, 100%, 72%
HSV	21°, 56%, 100%
XYZ	57.0370, 48.2484, 21.3509
YIQ	183.9930, 71.7990, 3.8550

Conversions

Conversions Part 2

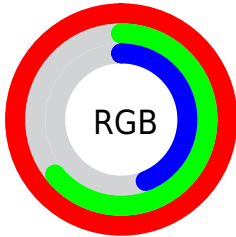
Format	Color
R _Y B	255, 190, 111
Decimal	16753263
CIE Lab	74.98, 29.58, 40.67
CIE LCh	75, 50.288, 53.974
Yxy	48.2484, 0.4504, 0.3810
Android (android.graphics.Color)	4294943343 (0xFFFFA26F)
YUV	183.9930, -35.9855, 62.2731
Hunter-Lab	69.4611, 25.0158, 30.3983

Details

The Yxy color **48.2484, 0.4504, 0.3810** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.7992, 0.2281, 0.2656**, and the grayscale version is **48.0996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5660, 0.3793, 0.3835**, and **22.9690, 0.4852, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **42.3345, 0.4849, 0.3866**, and if you desaturate by 10%, it is **55.0787, 0.4180, 0.3730**.

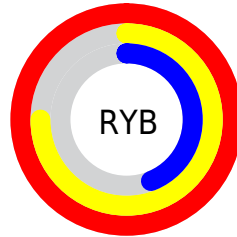
Distribution



Red (100%)

Green (64%)

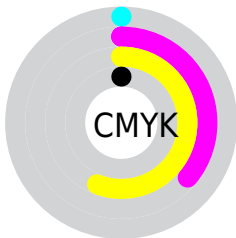
Blue (44%)



Red (100%)

Yellow (75%)

Blue (44%)

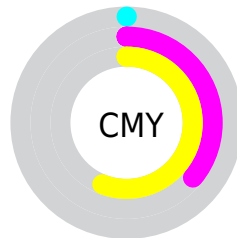


Cyan (0%)

Magenta (36%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2484, 0.4504, 0.3810 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 48.2484, 0.4504, 0.3810 by changing the saturation by 10% instead.


 48.2484, 0.4504,
0.3810


 48.2484, 0.4504,
0.3810


379.7759, 0.3824,
0.3599

 34.0236, 0.4665,
0.3845


 87.5741, 0.4262,
0.3746


 22.9118, 0.4863,
0.3879


 113.4439, 0.4170,
0.3718

 14.5284, 0.5113,
0.3907


 143.9641, 0.4091,
0.3693

 8.4891, 0.5429,
0.3911

 179.5192, 0.4023,
0.3670

 4.4094, 0.5930,
0.3921

220.4935, 0.3964,
0.3649

 1.9051, 0.6340,
0.3660

267.2715, 0.3911,

 0.5515, 0.7044,

0.3631

0.2956

320.2375, 0.3865,
0.3614

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2484, 0.4504,
0.3810

48.2484, 0.4504,
0.3810

42.3345, 0.4849,
0.3866

55.0787, 0.4180,
0.3730

37.2998, 0.5196,
0.3883

62.8716, 0.3890,
0.3636

33.0945, 0.5515,
0.3851

71.6626, 0.3636,
0.3537

29.6645, 0.5777,
0.3768

81.4871, 0.3418,
0.3440

■ 28.6193, 0.5857,
0.3732

■ 92.3785, 0.3232,
0.3347

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.



48.2484, 0.4357, 0.3288



48.2484, 0.4504, 0.3810



48.2484, 0.4240, 0.4285

Triad

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



48.2484, 0.4504, 0.3810



48.2484, 0.2415, 0.3826



48.2484, 0.2482, 0.2242

Complementary

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



48.2484, 0.4504, 0.3810



53.7992, 0.2281, 0.2656

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.



48.2484, 0.2069, 0.2268



48.2484, 0.4504, 0.3810



48.2484, 0.2027, 0.3100

Square

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



48.2484, 0.4504, 0.3810



48.2484, 0.3020, 0.4413



48.2484, 0.1914, 0.2547



48.2484, 0.3112, 0.2435

Rectangle

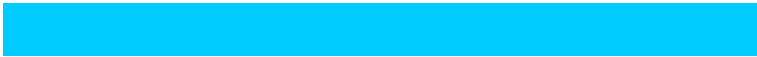
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.2484, 0.4504, 0.3810



48.2484, 0.3894, 0.4503



48.2484, 0.1914, 0.2547



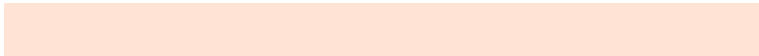
48.2484, 0.2317, 0.2224

Sweetspot

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



48.2464, 0.4504, 0.3810



80.9325, 0.3429, 0.3445



37.0220, 0.3699, 0.2365



16.8848, 0.3470, 0.3465



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.



48.2464, 0.4504, 0.3810



41.5047, 0.4903, 0.3871



80.9144, 0.4052, 0.4469



19.0391, 0.3285, 0.3375



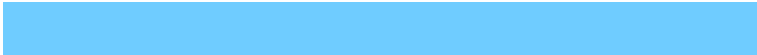
15.2078, 0.5827, 0.3755



1.6775, 0.5610, 0.3928

Inverse Universe

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



53.7992, 0.2281, 0.2656



47.4067, 0.2145, 0.2499



27.2711, 0.2080, 0.1722



19.3358, 0.2980, 0.3204



18.0733, 0.1912, 0.2084



1.9657, 0.1955, 0.2237

Previews

White Background



This preview shows how the Yxy color 48.2484, 0.4504, 0.3810 looks on a white background.

Color Contrast Check

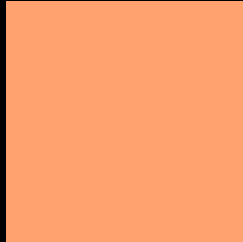
Large Text (above 18pt) WCAG AA × Fail

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 48.2484, 0.4504, 0.3810 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 48.2484, 0.4504, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 48.2484, 0.4504, 0.3810.



This preview shows how white text looks on a background with the Yxy color 48.2484, 0.4504, 0.3810.

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

48.2484, 0.4504, 0.3810

Protanopia

48.4715, 0.3797, 0.4106

Deuteranopia

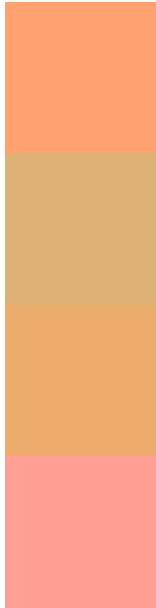
48.5345, 0.4159, 0.4080



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.2484, 0.4504, 0.3810

Protanomaly

48.1008, 0.4049, 0.3995

Deuteranomaly

48.4420, 0.4284, 0.3983

Tritanomaly

48.1629, 0.4182, 0.3419

Monochromacy



Original Color

48.2484, 0.4504, 0.3810

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1866, 0.3600, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2484, 0.4504, 0.3810 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, 162, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 111)  
}
```

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, 162, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 111) }
```

Border

The CSS property to change the border of an element to Yxy 48.2484, 0.4504, 0.3810 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, 162, 111) }
```

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

```
.border{ border-color:rgb(255, 162, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 162, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 162, 111); box-shadow:4px 4px 4px 4px rgb(255, 162, 111) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2484, 0.4504, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 111) }
```

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

```
.background{ background-color: rgb(255,  
162, 111) }
```

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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