

Converting Colors

$Yxy(56.5080, 0.4784, 0.3704)$

Have a look what the booklet for
Yxy(56.5080, 0.4784, 0.3704)
contains.

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Color

Yxy(48.3156, 0.4478, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	FFA272
RGB	255, 162, 114
RGB Percent	100%, 64%, 45%
CMY	0.0000, 0.3648, 0.5530
CMYK	0.00, 0.36, 0.55, 0.00
HSL	20°, 100%, 72%
HSV	20°, 55%, 100%
XYZ	57.2071, 48.3156, 22.2288
YIQ	184.3350, 70.8360, 4.7880

Conversions

Conversions Part 2

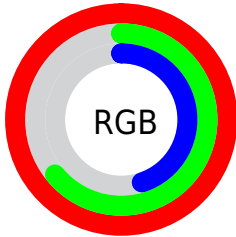
Format	Color
R _Y B	255, 187, 114
Decimal	16753266
CIE Lab	75.02, 29.81, 39.17
CIE LCh	75, 49.228, 52.725
Yxy	48.3156, 0.4478, 0.3782
Android (android.graphics.Color)	4294943346 (0xFFFFA272)
YUV	184.3350, -34.6752, 61.9732
Hunter-Lab	69.5094, 25.2662, 29.6960

Details

The Yxy color **48.3156, 0.4478, 0.3782** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **55.4268, 0.2301, 0.2697**, and the grayscale version is **48.2887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6757, 0.3771, 0.3805**, and **23.0028, 0.4820, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **42.2749, 0.4828, 0.3838**, and if you desaturate by 10%, it is **55.3024, 0.4153, 0.3703**.

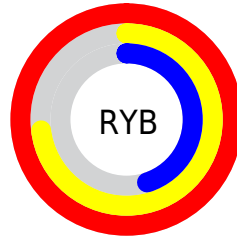
Distribution



Red (100%)

Green (64%)

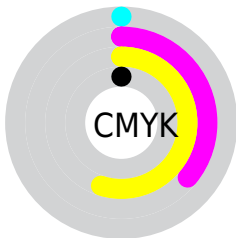
Blue (45%)



Red (100%)

Yellow (73%)

Blue (45%)

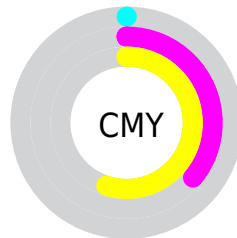


Cyan (0%)

Magenta (36%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3156, 0.4478, 0.3782 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 48.3156, 0.4478, 0.3782 by changing the saturation by 10% instead.


 48.3156, 0.4478,
0.3782

 48.3156, 0.4478,
0.3782


380.0417, 0.3810,
0.3582


 34.0769, 0.4637,
0.3815


 87.6741, 0.4240,
0.3721


 22.9527, 0.4834,
0.3848


 113.5627, 0.4149,
0.3695

 14.5586, 0.5082,
0.3875


 144.1034, 0.4071,
0.3671

 8.5102, 0.5399,
0.3880

 179.6805, 0.4005,
0.3650

 4.4231, 0.5880,
0.3877

220.6785, 0.3946,
0.3630

 1.9129, 0.6348,
0.3652

267.4818, 0.3895,

 0.5561, 0.7049,

0.3612

0.2951

320.4747, 0.3850,
0.3596

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.3156, 0.4478,
0.3782

48.3156, 0.4478,
0.3782

42.2749, 0.4828,
0.3838

55.3024, 0.4153,
0.3703

37.1478, 0.5182,
0.3858

63.2896, 0.3863,
0.3612

32.8807, 0.5512,
0.3830

72.3122, 0.3611,
0.3517

29.4179, 0.5785,
0.3751

82.4068, 0.3395,
0.3424

■ 28.0427, 0.5893,
0.3703

■ 93.6084, 0.3212,
0.3335

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.



48.3156, 0.4315, 0.3269



48.3156, 0.4478, 0.3782



48.3156, 0.4236, 0.4251

Triad

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



48.3156, 0.4478, 0.3782



48.3156, 0.2452, 0.3843



48.3156, 0.2473, 0.2258

Complementary

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



48.3156, 0.4478, 0.3782



55.4268, 0.2301, 0.2697

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.



48.3156, 0.2078, 0.2294



48.3156, 0.4478, 0.3782



48.3156, 0.2059, 0.3133

Square

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



48.3156, 0.4478, 0.3782



48.3156, 0.3051, 0.4401



48.3156, 0.1935, 0.2581



48.3156, 0.3085, 0.2439

Rectangle

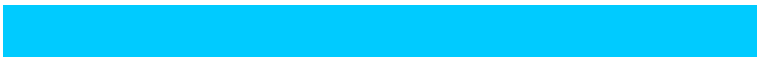
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.3156, 0.4478, 0.3782



48.3156, 0.3905, 0.4469



48.3156, 0.1935, 0.2581



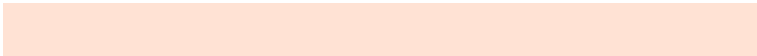
48.3156, 0.2314, 0.2244

Sweetspot

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



48.3114, 0.4478, 0.3782



80.6088, 0.3430, 0.3439



37.8479, 0.3656, 0.2360



16.8088, 0.3472, 0.3458



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.



48.3114, 0.4478, 0.3782



41.8844, 0.4853, 0.3841



79.9066, 0.4046, 0.4430



18.9976, 0.3286, 0.3371



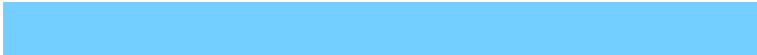
14.9002, 0.5863, 0.3726



1.6440, 0.5645, 0.3900

Inverse Universe

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



55.4268, 0.2301, 0.2697



49.4910, 0.2175, 0.2557



28.8302, 0.2109, 0.1788



19.3790, 0.2980, 0.3207



18.7343, 0.1926, 0.2134



2.0270, 0.1967, 0.2281

Previews

White Background



This preview shows how the Yxy color 48.3156, 0.4478, 0.3782 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 48.3156, 0.4478, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

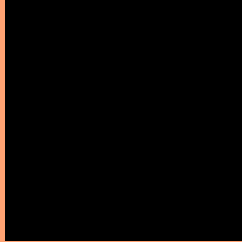
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3156, 0.4478, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 48.3156, 0.4478, 0.3782.



This preview shows how white text looks on a background with the Yxy color 48.3156, 0.4478, 0.3782.

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

48.3156, 0.4478, 0.3782

Protanopia

48.5455, 0.3773, 0.4069

Deuteranopia

48.5995, 0.4135, 0.4048



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.3156, 0.4478, 0.3782

Protanomaly

48.1725, 0.4024, 0.3962

Deuteranomaly

48.5078, 0.4259, 0.3953

Tritanomaly

48.1944, 0.4172, 0.3409

Monochromacy



Original Color

48.3156, 0.4478, 0.3782

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.2555, 0.3583, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3156, 0.4478, 0.3782 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 114) }
```

Border

The CSS property to change the border of an element to Yxy 48.3156, 0.4478, 0.3782 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, 114) }
```

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

```
.border{ border-color:rgb(255, 162, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3156, 0.4478, 0.3782 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, 114) }
```

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

```
.background{ background-color: rgb(255,  
162, 114) }
```

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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