

Converting Colors

$Y_{xy}(47.2179, 0.4439, 0.3961)$

Have a look what the booklet for
Yxy(47.2179, 0.4439, 0.3961)
contains.

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Color

Yxy(47.3064, 0.4438, 0.3958)

Conversions

Conversions Part 1

Format	Color
Hex	F3A667
RGB	243, 166, 103
RGB Percent	95%, 65%, 40%
CMY	0.0471, 0.3490, 0.5960
CMYK	0.00, 0.32, 0.58, 0.05
HSL	27°, 85%, 68%
HSV	27°, 58%, 95%
XYZ	53.0434, 47.3064, 19.1712
YIQ	181.8410, 66.1150, -3.2690

Conversions

Conversions Part 2

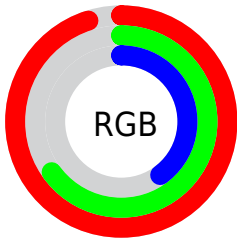
Format	Color
R_{YB}	243, 218, 103
Decimal	15967847
CIE _{Lab}	74.39, 22.06, 43.74
CIE _{LCh}	74, 48.990, 63.232
Yxy	47.3064, 0.4438, 0.3958
Android (android.graphics.Color)	4294157927 (0xFFFF3A667)
YUV	181.8410, -38.8686, 53.6364
Hunter-Lab	68.7796, 17.2962, 31.6197

Details

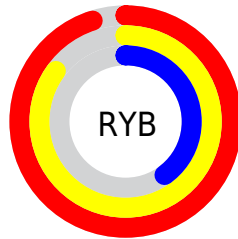
The Yxy color **47.3064, 0.4438, 0.3958** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **41.9926, 0.2228, 0.2456**, and the grayscale version is **46.8786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3395, 0.3842, 0.3964**, and **22.3682, 0.4765, 0.4067** is the 20% darker color. If you saturate the color by 10%, you get **42.2807, 0.4739, 0.4032**, and if you desaturate by 10%, it is **52.9834, 0.4149, 0.3856**.

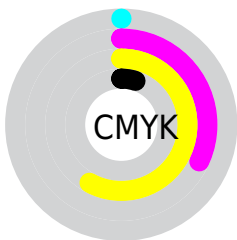
Distribution



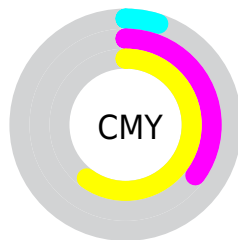
- Red (95%)
- Green (65%)
- Blue (40%)



- Red (95%)
- Yellow (85%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (58%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3064, 0.4438, 0.3958 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 47.3064, 0.4438, 0.3958 by changing the saturation by 10% instead.


 47.3064, 0.4438,
0.3958

 47.3064, 0.4438,
0.3958


376.0362, 0.3794,
0.3670

 33.2779, 0.4588,
0.4011


 86.1708, 0.4210,
0.3866


 22.3395, 0.4773,
0.4068


 111.7755, 0.4123,
0.3828

 14.1065, 0.5002,
0.4123


 142.0078, 0.4048,
0.3794

 8.1948, 0.5286,
0.4160

 177.2520, 0.3983,
0.3764

 4.2198, 0.5762,
0.4238

217.8926, 0.3926,
0.3736

 1.7973, 0.6026,
0.3974

264.3139, 0.3877,

 0.4855, 0.6754,

0.3712

0.3246

316.9003, 0.3833,
0.3690

0.0000, 0.0000,
0.0000

47.3064, 0.4438,
0.3958

47.3064, 0.4438,
0.3958

42.2807, 0.4739,
0.4032

52.9834, 0.4149,
0.3856

37.8712, 0.5035,
0.4065

59.3304, 0.3882,
0.3739

34.0492, 0.5305,
0.4046

66.3739, 0.3643,
0.3616

30.7779, 0.5530,
0.3973

74.1366, 0.3433,
0.3493

30.0666, 0.5580,
0.3951

82.6400, 0.3250,
0.3375

91.9048, 0.3091,
0.3264

97.7920, 0.3053,
0.3290

Harmonies

Analogous

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



47.3064, 0.4424, 0.3448



47.3064, 0.4438, 0.3958



47.3064, 0.4077, 0.4382

Triad

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



47.3064, 0.4438, 0.3958



47.3064, 0.2283, 0.3593



47.3064, 0.2666, 0.2297

Complementary

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



47.3064, 0.4438, 0.3958



41.9926, 0.2228, 0.2456

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.



47.3064, 0.2186, 0.2252



47.3064, 0.4438, 0.3958



47.3064, 0.1982, 0.2911

Square

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



47.3064, 0.4438, 0.3958



47.3064, 0.2825, 0.4249



47.3064, 0.1953, 0.2448



47.3064, 0.3330, 0.2546

Rectangle

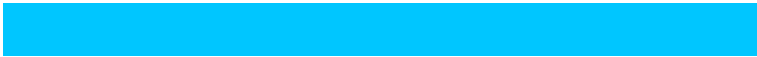
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.3064, 0.4438, 0.3958



47.3064, 0.3696, 0.4530



47.3064, 0.1953, 0.2448



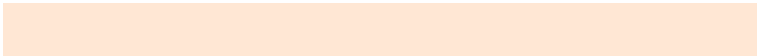
47.3064, 0.2481, 0.2257

Sweetspot

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



47.3088, 0.4438, 0.3958



83.2377, 0.3422, 0.3486



32.0510, 0.3885, 0.2488



17.4268, 0.3462, 0.3511



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.



47.3088, 0.4438, 0.3958



46.3612, 0.4786, 0.4040



80.0147, 0.3988, 0.4598



17.7107, 0.3282, 0.3397



16.7647, 0.5554, 0.3972



1.6756, 0.5341, 0.4141

Inverse Universe

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



41.9926, 0.2228, 0.2456



39.8603, 0.2077, 0.2252



20.5098, 0.2023, 0.1517



17.4376, 0.2980, 0.3181



13.1269, 0.1819, 0.1747



1.3589, 0.1877, 0.1956

Previews

White Background



This preview shows how the Yxy color 47.3064, 0.4438, 0.3958 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 47.3064, 0.4438, 0.3958 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 47.3064, 0.4438, 0.3958

Background



This preview shows how black text looks on a background with the Yxy color 47.3064, 0.4438, 0.3958.



This preview shows how white text looks on a background with the Yxy color 47.3064, 0.4438, 0.3958.

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

47.3064, 0.4438, 0.3958

Protanopia

47.3886, 0.3892, 0.4213

Deuteranopia

47.4468, 0.4218, 0.4134



Tritanopia

47.3125, 0.3890, 0.3163

Trichromacy



Original Color

47.3064, 0.4438, 0.3958

Protanomaly

47.1047, 0.4084, 0.4120

Deuteranomaly

47.4533, 0.4295, 0.4068

Tritanomaly

47.1579, 0.4100, 0.3456

Monochromacy



Original Color

47.3064, 0.4438, 0.3958

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1879, 0.3580, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3064, 0.4438, 0.3958 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(243, 166, 103)` looks like.

```
.text, #text, p{  
    color:rgb(243, 166, 103)  
}
```

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(243, 166, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 166, 103) }
```

Border

The CSS property to change the border of an element to Yxy 47.3064, 0.4438, 0.3958 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(243, 166, 103) }
```

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

```
.border{ border-color:rgb(243, 166, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 166, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 166, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 166, 103);  
box-shadow:4px 4px 4px 4px rgb(243, 166,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3064, 0.4438, 0.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 166, 103) }
```

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

```
.background{ background-color: rgb(243,  
166, 103) }
```

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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