

Converting Colors

$Y_{xy}(44.0926, 0.4393, 0.3724)$

Have a look what the booklet for
Yxy(44.0926, 0.4393, 0.3724)
contains.

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Color

Yxy(44.0926, 0.4393, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	F39C74
RGB	243, 156, 116
RGB Percent	95%, 61%, 45%
CMY	0.0469, 0.3883, 0.5451
CMYK	0.00, 0.36, 0.52, 0.05
HSL	19°, 84%, 70%
HSV	19°, 52%, 95%
XYZ	52.0136, 44.0926, 22.2949
YIQ	177.4530, 64.6920, 6.0040

Conversions

Conversions Part 2

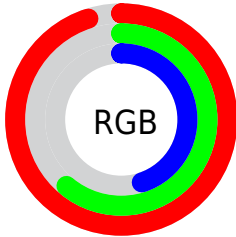
Format	Color
R_{YB}	243, 174, 116
Decimal	15965300
CIE _{Lab}	72.29, 28.41, 34.34
CIE _{LCh}	72, 44.573, 50.399
Yxy	44.0926, 0.4393, 0.3724
Android (android.graphics.Color)	4294155380 (0xFFFF39C74)
YUV	177.4530, -30.2963, 57.4847
Hunter-Lab	66.4023, 23.6171, 26.5746

Details

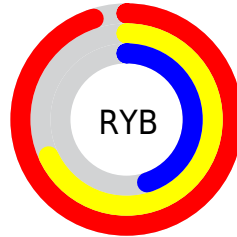
The Yxy color **44.0926, 0.4393, 0.3724** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.9296, 0.2351, 0.2780**, and the grayscale version is **44.3557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7131, 0.3777, 0.3725**, and **20.3732, 0.4741, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **38.3900, 0.4747, 0.3782**, and if you desaturate by 10%, it is **50.7140, 0.4071, 0.3647**.

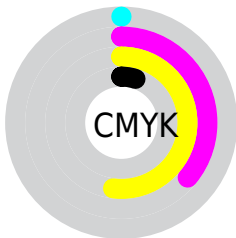
Distribution



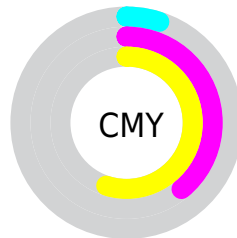
- Red (95%)
- Green (61%)
- Blue (45%)



- Red (95%)
- Yellow (68%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0926, 0.4393, 0.3724 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 44.0926, 0.4393, 0.3724 by changing the saturation by 10% instead.


 44.0926, 0.4393,
0.3724


 44.0926, 0.4393,
0.3724


363.0860, 0.3754,
0.3542

 30.7433, 0.4549,
0.3756


 81.3571, 0.4162,
0.3668

 20.4035, 0.4747,
0.3788


 106.0410, 0.4075,
0.3644

 12.6887, 0.5000,
0.3815


 135.2720, 0.4001,
0.3622

 7.2145, 0.5333,
0.3823

169.4344, 0.3937,
0.3603

 3.5966, 0.5864,
0.3831

208.9126, 0.3882,
0.3585

 1.4506, 0.6405,
0.3595

254.0910, 0.3834,

 0.2536, 0.7872,

0.3569

0.2128

305.3540, 0.3792,
0.3555

0.0000, 0.0000,
0.0000

44.0926, 0.4393,
0.3724

44.0926, 0.4393,
0.3724

38.3900, 0.4747,
0.3782

50.7140, 0.4071,
0.3647

33.5569, 0.5114,
0.3810

58.2873, 0.3788,
0.3561

29.5486, 0.5467,
0.3794


66.8521, 0.3544,
0.3473

26.3132, 0.5768,
0.3730

76.4434, 0.3337,
0.3388

24.2973, 0.5954,
0.3654

87.0947, 0.3163,
0.3307

 97.8017, 0.3054,
0.3290

Harmonies

Analogous

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



44.0926, 0.4208, 0.3239



44.0926, 0.4393, 0.3724



44.0926, 0.4199, 0.4168

Triad

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



44.0926, 0.4393, 0.3724



44.0926, 0.2535, 0.3854



44.0926, 0.2478, 0.2312

Complementary

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



44.0926, 0.4393, 0.3724



52.9296, 0.2351, 0.2780

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.



44.0926, 0.2120, 0.2366



44.0926, 0.4393, 0.3724



44.0926, 0.2144, 0.3197

Square

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



44.0926, 0.4393, 0.3724



44.0926, 0.3110, 0.4345



44.0926, 0.2004, 0.2661



44.0926, 0.3040, 0.2468

Rectangle

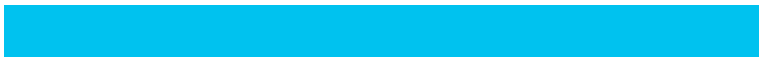
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0926, 0.4393, 0.3724



44.0926, 0.3902, 0.4377



44.0926, 0.2004, 0.2661



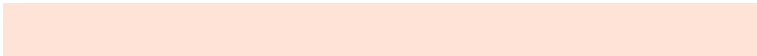
44.0926, 0.2333, 0.2305

Sweetspot

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



44.0948, 0.4393, 0.3724



81.0850, 0.3411, 0.3420



35.9593, 0.3568, 0.2366



16.8820, 0.3454, 0.3437



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.



44.0948, 0.4393, 0.3724



42.2962, 0.4779, 0.3786



70.2759, 0.4018, 0.4337



17.3334, 0.3286, 0.3365



13.5428, 0.5926, 0.3677



1.3667, 0.5682, 0.3870

Inverse Universe

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



52.9296, 0.2351, 0.2780



53.0158, 0.2221, 0.2652



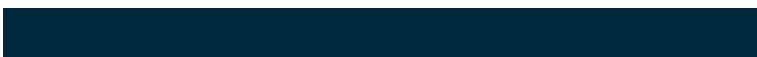
29.3598, 0.2182, 0.1943



17.8267, 0.2980, 0.3214



18.8781, 0.1952, 0.2228



1.8428, 0.1994, 0.2377

Previews

White Background



This preview shows how the Yxy color 44.0926, 0.4393, 0.3724 looks on a white background.

Color Contrast Check

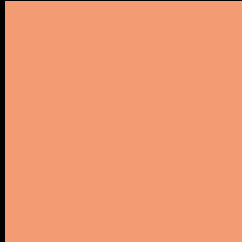
Large Text (above 18pt) WCAG AA × Fail

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 44.0926, 0.4393, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

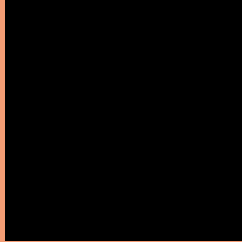
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0926, 0.4393, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 44.0926, 0.4393, 0.3724.



This preview shows how white text looks on a background with the Yxy color 44.0926, 0.4393, 0.3724.

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

44.0926, 0.4393, 0.3724

Protanopia

44.5279, 0.3703, 0.3986

Deuteranopia

44.2378, 0.4058, 0.3981



Tritanopia

44.1601, 0.4002, 0.3173

Trichromacy



Original Color

44.0926, 0.4393, 0.3724

Protanomaly

44.0035, 0.3950, 0.3884

Deuteranomaly

44.1327, 0.4185, 0.3885

Tritanomaly

44.0936, 0.4152, 0.3369

Monochromacy



Original Color

44.0926, 0.4393, 0.3724

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1600, 0.3553, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0926, 0.4393, 0.3724 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, 156, 116)` looks like.

```
.text, #text, p{  
    color:rgb(243, 156, 116)  
}
```

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, 156, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 156, 116) }
```

Border

The CSS property to change the border of an element to Yxy 44.0926, 0.4393, 0.3724 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, 156, 116) }
```

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

```
.border{ border-color:rgb(243, 156, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 156, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 156, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 156, 116);  
box-shadow:4px 4px 4px 4px rgb(243, 156,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0926, 0.4393, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 156, 116) }
```

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

```
.background{ background-color: rgb(243,  
156, 116) }
```

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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