

Converting Colors

$Y_{xy}(42.3641, 0.4455, 0.3691)$

Have a look what the booklet for
Yxy(42.3641, 0.4455, 0.3691)
contains.

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Color

Yxy(42.4028, 0.4445, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	F39772
RGB	243, 151, 114
RGB Percent	95%, 59%, 45%
CMY	0.0471, 0.4078, 0.5529
CMYK	0.00, 0.38, 0.53, 0.05
HSL	17°, 84%, 70%
HSV	17°, 53%, 95%
XYZ	51.0649, 42.4028, 21.4139
YIQ	174.2900, 66.7090, 7.9970

Conversions

Conversions Part 2

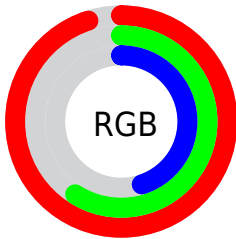
Format	Color
R _{YB}	243, 166, 114
Decimal	15964018
CIE _{Lab}	71.15, 30.84, 33.95
CIE _{LCh}	71, 45.861, 47.750
Yxy	42.4028, 0.4445, 0.3691
Android (android.graphics.Color)	4294154098 (0xFFFF39772)
YUV	174.2900, -29.7230, 60.2587
Hunter-Lab	65.1174, 26.0236, 26.0846

Details

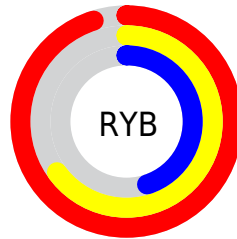
The Yxy color **42.4028, 0.4445, 0.3691** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.1866, 0.2351, 0.2819**, and the grayscale version is **42.6161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1558, 0.3817, 0.3706**, and **19.3726, 0.4821, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **36.7490, 0.4812, 0.3741**, and if you desaturate by 10%, it is **49.0277, 0.4110, 0.3622**.

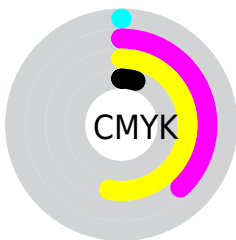
Distribution



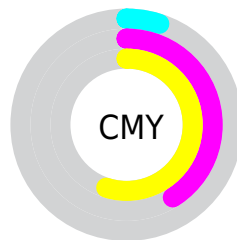
- Red (95%)
- Green (59%)
- Blue (45%)



- Red (95%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (5%)





- Cyan (5%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4028, 0.4445, 0.3691 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 42.4028, 0.4445, 0.3691 by changing the saturation by 10% instead.


 42.4028, 0.4445,
0.3691


 42.4028, 0.4445,
0.3691

356.1500, 0.3775,
0.3527


 29.4168, 0.4610,
0.3717


 78.8089, 0.4202,
0.3642

 19.3964, 0.4819,
0.3742


 102.9978, 0.4110,
0.3620

 11.9570, 0.5089,
0.3759

 131.6898, 0.4033,
0.3601

 6.7144, 0.5444,
0.3749

 165.2693, 0.3967,
0.3583

 3.2842, 0.6048,
0.3751

204.1206, 0.3909,
0.3567

 1.2818, 0.6572,
0.3428

248.6283, 0.3859,

 0.1271, 0.8731,

0.3552

0.1269

299.1766, 0.3815,
0.3539

0.0000, 0.0000,
0.0000

42.4028, 0.4445,
0.3691

42.4028, 0.4445,
0.3691

36.7490, 0.4812,
0.3741

49.0277, 0.4110,
0.3622

32.0122, 0.5193,
0.3760

56.6613, 0.3817,
0.3544

28.1427, 0.5554,
0.3737

65.3469, 0.3566,
0.3464

25.0823, 0.5857,
0.3668

75.1234, 0.3354,
0.3386

23.3977, 0.6022,
0.3601

86.0275, 0.3176,
0.3312

97.7812, 0.3054,
0.3290

97.7937, 0.3054,
0.3290

Harmonies

Analogous

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



42.4028, 0.4218, 0.3190



42.4028, 0.4445, 0.3691



42.4028, 0.4272, 0.4162

Triad

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



42.4028, 0.4445, 0.3691



42.4028, 0.2556, 0.3937



42.4028, 0.2409, 0.2272

Complementary

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



42.4028, 0.4445, 0.3691



54.1866, 0.2351, 0.2819

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.



42.4028, 0.2062, 0.2347



42.4028, 0.4445, 0.3691



42.4028, 0.2131, 0.3249

Square

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



42.4028, 0.4445, 0.3691



42.4028, 0.3163, 0.4421



42.4028, 0.1965, 0.2673



42.4028, 0.2977, 0.2416

Rectangle

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



42.4028, 0.4445, 0.3691



42.4028, 0.3977, 0.4398



42.4028, 0.1965, 0.2673



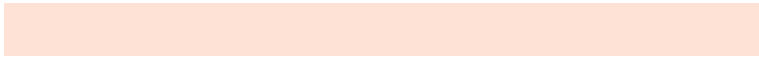
42.4028, 0.2267, 0.2271

Sweetspot

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



42.4049, 0.4445, 0.3691



80.4661, 0.3413, 0.3408



35.5676, 0.3554, 0.2333



16.7357, 0.3456, 0.3425



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.



42.4049, 0.4445, 0.3691



40.3841, 0.4854, 0.3745



68.8934, 0.4044, 0.4332



17.2567, 0.3286, 0.3359



13.0409, 0.5994, 0.3623



1.3146, 0.5750, 0.3816

Inverse Universe

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



54.1866, 0.2351, 0.2819



54.6855, 0.2224, 0.2700



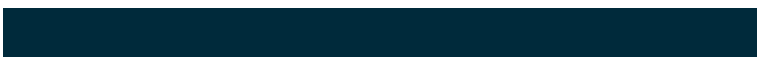
29.3805, 0.2173, 0.1947



17.9075, 0.2980, 0.3220



20.2577, 0.1980, 0.2328



1.9557, 0.2018, 0.2463

Previews

White Background



This preview shows how the Yxy color 42.4028, 0.4445, 0.3691 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 42.4028, 0.4445, 0.3691 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 42.4028, 0.4445, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 42.4028, 0.4445, 0.3691.



This preview shows how white text looks on a background with the Yxy color 42.4028, 0.4445, 0.3691.

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

42.4028, 0.4445, 0.3691

Protanopia

42.4187, 0.3689, 0.3960

Deuteranopia

42.6340, 0.4064, 0.3979



Tritanopia

42.2439, 0.4066, 0.3173

Trichromacy



Original Color

42.4028, 0.4445, 0.3691

Protanomaly

42.0384, 0.3960, 0.3868

Deuteranomaly

42.3476, 0.4209, 0.3867

Tritanomaly

42.2030, 0.4210, 0.3359

Monochromacy



Original Color

42.4028, 0.4445, 0.3691

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6815, 0.3570, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4028, 0.4445, 0.3691 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, 151, 114)` looks like.

```
.text, #text, p{  
    color:rgb(243, 151, 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(243, 151, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 151, 114) }
```

Border

The CSS property to change the border of an element to Yxy 42.4028, 0.4445, 0.3691 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, 151, 114) }
```

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

```
.border{ border-color:rgb(243, 151, 114) }
```

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

Here you see how a box with a 4 pixel rgb(243, 151, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 151, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 151, 114);  
box-shadow:4px 4px 4px 4px rgb(243, 151,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4028, 0.4445, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 151, 114) }
```

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

```
.background{ background-color: rgb(243,  
151, 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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