

Converting Colors

$Y_{xy}(42.8219, 0.4338, 0.3663)$

Have a look what the booklet for
Yxy(42.8219, 0.4338, 0.3663)
contains.

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Color

Yxy(42.9925, 0.4339, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	F09A78
RGB	240, 154, 120
RGB Percent	94%, 60%, 47%
CMY	0.0588, 0.3961, 0.5293
CMYK	0.00, 0.36, 0.50, 0.06
HSL	17°, 80%, 71%
HSV	17°, 50%, 94%
XYZ	50.8850, 42.9925, 23.3961
YIQ	175.8380, 62.1700, 7.6580

Conversions

Conversions Part 2

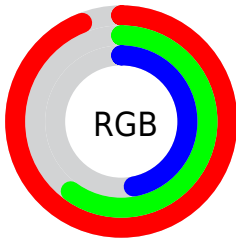
Format	Color
R _Y B	240, 167, 120
Decimal	15768184
CIE Lab	71.55, 28.62, 31.16
CIE LCh	72, 42.310, 47.426
Yxy	42.9925, 0.4339, 0.3666
Android (android.graphics.Color)	4293958264 (0xFFFF09A78)
YUV	175.8380, -27.5281, 56.2701
Hunter-Lab	65.5687, 23.7810, 24.7423

Details

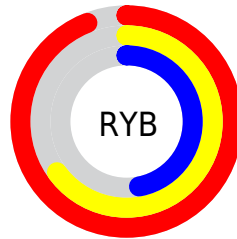
The Yxy color **42.9925, 0.4339, 0.3666** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.4515, 0.2391, 0.2857**, and the grayscale version is **43.4515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8781, 0.3753, 0.3664**, and **19.7814, 0.4690, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **37.2045, 0.4699, 0.3722**, and if you desaturate by 10%, it is **49.7450, 0.4016, 0.3594**.

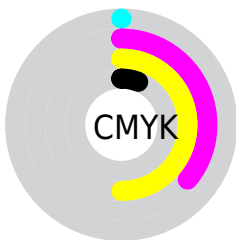
Distribution



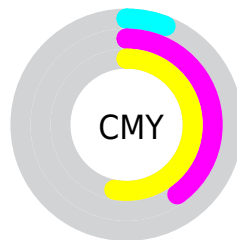
- Red (94%)
- Green (60%)
- Blue (47%)



- Red (94%)
- Yellow (65%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (50%)
- Black (6%)



- Cyan (6%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9925, 0.4339, 0.3666 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 42.9925, 0.4339, 0.3666 by changing the saturation by 10% instead.


 42.9925, 0.4339,
0.3666


 42.9925, 0.4339,
0.3666


358.5809, 0.3723,
0.3509


 29.8792, 0.4492,
0.3694

 79.6995, 0.4115,
0.3617

 19.7469, 0.4686,
0.3721


 104.0621, 0.4031,
0.3596

 12.2112, 0.4939,
0.3745


 132.9432, 0.3959,
0.3577

 6.8877, 0.5277,
0.3750

166.7273, 0.3899,
0.3561

 3.3920, 0.5796,
0.3741

205.7987, 0.3846,
0.3546

 1.3396, 0.6450,
0.3550

250.5418, 0.3800,

 0.1716, 0.8340,

0.3532

0.1660

301.3411, 0.3759,
0.3520

0.0000, 0.0000,
0.0000

42.9925, 0.4339,
0.3666

42.9925, 0.4339,
0.3666

37.2045, 0.4699,
0.3722

49.7450, 0.4016,
0.3594

32.3289, 0.5080,
0.3752

57.4979, 0.3735,
0.3516

28.3182, 0.5453,
0.3742

66.2932, 0.3497,
0.3437

25.1174, 0.5779,
0.3687

76.1682, 0.3296,
0.3361

22.6573, 0.6029,
0.3595

87.1586, 0.3127,
0.3290

■ 22.6547, 0.6030,
0.3594

■ 97.2669, 0.3035,
0.3290

Harmonies

Analogous

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



42.9925, 0.4124, 0.3199



42.9925, 0.4339, 0.3666



42.9925, 0.4189, 0.4100

Triad

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



42.9925, 0.4339, 0.3666



42.9925, 0.2609, 0.3887



42.9925, 0.2460, 0.2344

Complementary

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



42.9925, 0.4339, 0.3666



54.4515, 0.2391, 0.2857

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.



42.9925, 0.2136, 0.2420



42.9925, 0.4339, 0.3666



42.9925, 0.2210, 0.3264

Square

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



42.9925, 0.4339, 0.3666



42.9925, 0.3173, 0.4323



42.9925, 0.2049, 0.2731



42.9925, 0.2986, 0.2476

Rectangle

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



42.9925, 0.4339, 0.3666



42.9925, 0.3922, 0.4311



42.9925, 0.2049, 0.2731



42.9925, 0.2327, 0.2345

Sweetspot

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



42.9947, 0.4339, 0.3666



81.5119, 0.3393, 0.3399



36.5229, 0.3499, 0.2365



16.9404, 0.3436, 0.3415



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.



42.9947, 0.4339, 0.3666



42.5662, 0.4707, 0.3723



66.9784, 0.3999, 0.4259



16.4874, 0.3286, 0.3358



12.5949, 0.6001, 0.3617



1.2107, 0.5744, 0.3821

Inverse Universe

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



54.4515, 0.2391, 0.2857



56.9749, 0.2269, 0.2751



31.4760, 0.2238, 0.2067



17.1285, 0.2981, 0.3222



19.8444, 0.1984, 0.2342



1.8188, 0.2023, 0.2482

Previews

White Background



This preview shows how the Yxy color 42.9925, 0.4339, 0.3666 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 42.9925, 0.4339, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

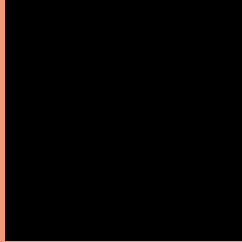
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9925, 0.4339, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 42.9925, 0.4339, 0.3666.



This preview shows how white text looks on a background with the Yxy color 42.9925, 0.4339, 0.3666.

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

42.9925, 0.4339, 0.3666

Protanopia

43.0637, 0.3652, 0.3904

Deuteranopia

43.1385, 0.4005, 0.3920



Tritanopia

43.0876, 0.3978, 0.3171

Trichromacy



Original Color

42.9925, 0.4339, 0.3666

Protanomaly

42.5537, 0.3899, 0.3806

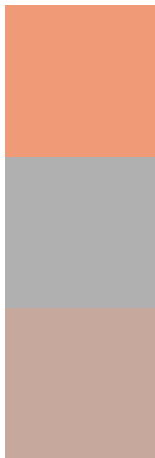
Deuteranomaly

43.0320, 0.4132, 0.3824

Tritanomaly

43.0548, 0.4119, 0.3359

Monochromacy



Original Color

42.9925, 0.4339, 0.3666

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5477, 0.3528, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9925, 0.4339, 0.3666 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(240, 154, 120)` looks like.

```
.text, #text, p{  
    color:rgb(240, 154, 120)  
}
```

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(240, 154, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 154, 120) }
```

Border

The CSS property to change the border of an element to Yxy 42.9925, 0.4339, 0.3666 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(240, 154, 120) }
```

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

```
.border{ border-color:rgb(240, 154, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 154, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 154, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 154, 120);  
box-shadow:4px 4px 4px 4px rgb(240, 154,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9925, 0.4339, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 154, 120) }
```

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

```
.background{ background-color: rgb(240,  
154, 120) }
```

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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