

Converting Colors

Yxy(51.3165, 0.4077, 0.3709)

Have a look what the booklet for
Yxy(51.3165, 0.4077, 0.3709)
contains.

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Color

Yxy(51.3433, 0.4079, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	F2AF89
RGB	242, 175, 137
RGB Percent	95%, 69%, 54%
CMY	0.0512, 0.3136, 0.4628
CMYK	0.00, 0.28, 0.43, 0.05
HSL	22°, 80%, 74%
HSV	22°, 43%, 95%
XYZ	56.4500, 51.3433, 30.5984
YIQ	190.7010, 52.1300, 2.3860

Conversions

Conversions Part 2

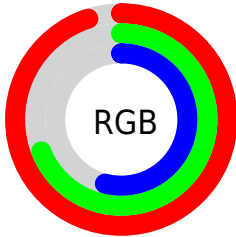
Format	Color
R _Y B	242, 197, 137
Decimal	15904649
CIE Lab	76.89, 19.91, 29.15
CIE LCh	77, 35.301, 55.660
Yxy	51.3433, 0.4079, 0.3710
Android (android.graphics.Color)	4294094729 (0xFFFF2AF89)
YUV	190.7010, -26.4746, 44.9892
Hunter-Lab	71.6542, 15.2292, 24.8395

Details

The Yxy color **51.3433, 0.4079, 0.3710** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.8695, 0.2459, 0.2817**, and the grayscale version is **52.0518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1734, 0.3563, 0.3695**, and **24.7975, 0.4340, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **45.0603, 0.4389, 0.3798**, and if you desaturate by 10%, it is **58.4730, 0.3803, 0.3612**.

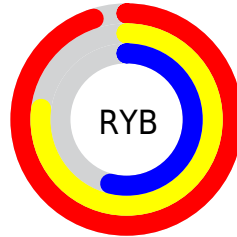
Distribution



Red (95%)

Green (69%)

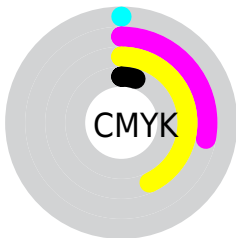
Blue (54%)



Red (95%)

Yellow (77%)

Blue (54%)

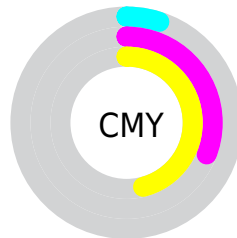


Cyan (0%)

Magenta (28%)

Yellow (43%)

Black (5%)



Cyan (5%)


Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3433, 0.4079, 0.3710 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 51.3433, 0.4079, 0.3710 by changing the saturation by 10% instead.

 51.3433, 0.4079,
0.3710


 51.3433, 0.4079,
0.3710


391.8961, 0.3609,
0.3523


 36.4819, 0.4193,
0.3749


 92.1620, 0.3911,
0.3648

 24.8066, 0.4335,
0.3793


 118.8881, 0.3847,
0.3623

 15.9330, 0.4520,
0.3844


 150.3379, 0.3792,
0.3601

 9.4768, 0.4764,
0.3899

186.8958, 0.3745,
0.3582

 5.0534, 0.5098,
0.3946

228.9462, 0.3705,
0.3565

 2.2787, 0.5851,
0.4149

276.8734, 0.3669,

 0.7624, 0.6244,

0.3549

0.3756

331.0619, 0.3637,
0.3536

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3433, 0.4079,
0.3710

51.3433, 0.4079,
0.3710

45.0603, 0.4389,
0.3798

58.4730, 0.3803,
0.3612

39.5830, 0.4724,
0.3865

66.4735, 0.3563,
0.3512

34.8780, 0.5068,
0.3898

75.3768, 0.3356,
0.3413

30.9056, 0.5396,
0.3884

85.2112, 0.3180,
0.3320

■ 27.6220, 0.5675,
0.3819

■ 95.8111, 0.3048,
0.3262

■ 25.7961, 0.5829,
0.3753

■ 97.6083, 0.3047,
0.3290

Harmonies

Analogous

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



51.3433, 0.3983, 0.3332



51.3433, 0.4079, 0.3710



51.3433, 0.3899, 0.4021

Triad

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



51.3433, 0.4079, 0.3710



51.3433, 0.2616, 0.3628



51.3433, 0.2700, 0.2539

Complementary

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



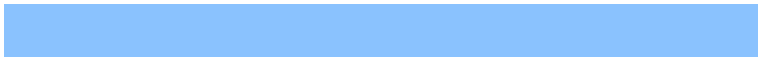
51.3433, 0.4079, 0.3710



54.8695, 0.2459, 0.2817

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.



51.3433, 0.2384, 0.2559



51.3433, 0.4079, 0.3710



51.3433, 0.2337, 0.3152

Square

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



51.3433, 0.4079, 0.3710



51.3433, 0.3044, 0.4018



51.3433, 0.2257, 0.2767



51.3433, 0.3154, 0.2687

Rectangle

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



51.3433, 0.4079, 0.3710



51.3433, 0.3659, 0.4138



51.3433, 0.2257, 0.2767



51.3433, 0.2576, 0.2525

Sweetspot

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



51.3458, 0.4079, 0.3710



85.2940, 0.3350, 0.3410



41.1756, 0.3523, 0.2563



17.7603, 0.3392, 0.3431



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.



51.3458, 0.4079, 0.3710



51.5956, 0.4349, 0.3788



75.1791, 0.3838, 0.4221



16.6966, 0.3284, 0.3376



14.1006, 0.5800, 0.3777



1.3557, 0.5550, 0.3976

Inverse Universe

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



54.8695, 0.2459, 0.2817



55.9856, 0.2337, 0.2701



34.4216, 0.2345, 0.2142



16.9094, 0.2980, 0.3202



16.1809, 0.1905, 0.2058



1.5343, 0.1955, 0.2238

Previews

White Background



This preview shows how the Yxy color 51.3433, 0.4079, 0.3710 looks on a white background.

Color Contrast Check

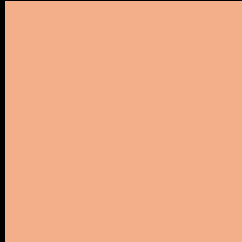
Large Text (above 18pt) WCAG AA × Fail

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 51.3433, 0.4079, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

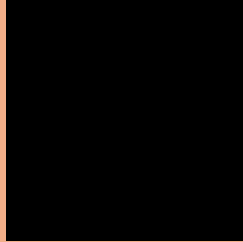
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3433, 0.4079, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 51.3433, 0.4079, 0.3710.



This preview shows how white text looks on a background with the Yxy color 51.3433, 0.4079, 0.3710.

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

51.3433, 0.4079, 0.3710

Protanopia

51.5370, 0.3604, 0.3863

Deuteranopia

51.4022, 0.3909, 0.3825



Tritanopia

51.3462, 0.3721, 0.3151

Trichromacy



Original Color

51.3433, 0.4079, 0.3710

Protanomaly

51.3727, 0.3773, 0.3817

Deuteranomaly

51.1736, 0.3978, 0.3781

Tritanomaly

51.2915, 0.3856, 0.3347

Monochromacy



Original Color

51.3433, 0.4079, 0.3710

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3398, 0.3456, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3433, 0.4079, 0.3710 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(242, 175, 137)` looks like.

```
.text, #text, p{  
    color:rgb(242, 175, 137)  
}
```

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(242, 175, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 175, 137) }
```

Border

The CSS property to change the border of an element to Yxy 51.3433, 0.4079, 0.3710 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(242, 175, 137) }
```

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

```
.border{ border-color:rgb(242, 175, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 175, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 175, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 175, 137);  
box-shadow:4px 4px 4px 4px rgb(242, 175,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3433, 0.4079, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 175, 137) }
```

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

```
.background{ background-color: rgb(242,  
175, 137) }
```

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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