

Converting Colors

$Yxy(51.6077, 0.3978, 0.3601)$

Have a look what the booklet for
Yxy(51.6077, 0.3978, 0.3601)
contains.

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Color

Yxy(51.4673, 0.3980, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	F1AF93
RGB	241, 175, 147
RGB Percent	95%, 69%, 58%
CMY	0.0550, 0.3137, 0.4234
CMYK	0.00, 0.27, 0.39, 0.05
HSL	18°, 77%, 76%
HSV	18°, 39%, 95%
XYZ	56.8684, 51.4673, 34.5497
YIQ	191.5420, 48.3240, 5.2840

Conversions

Conversions Part 2

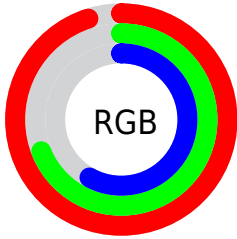
Format	Color
R _Y B	241, 187, 147
Decimal	15839123
CIE Lab	76.96, 20.63, 23.86
CIE LCh	77, 31.543, 49.161
Yxy	51.4673, 0.3980, 0.3602
Android (android.graphics.Color)	4294029203 (0xFFFF1AF93)
YUV	191.5420, -21.9592, 43.3747
Hunter-Lab	71.7407, 15.9495, 21.6650

Details

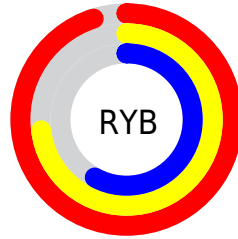
The Yxy color **51.4673, 0.3980, 0.3602** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.1383, 0.2535, 0.2949**, and the grayscale version is **52.5425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6289, 0.3494, 0.3593**, and **24.8309, 0.4219, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **44.6114, 0.4295, 0.3679**, and if you desaturate by 10%, it is **59.3118, 0.3707, 0.3520**.

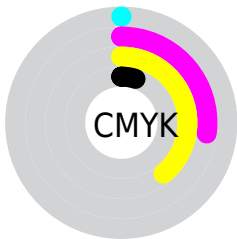
Distribution



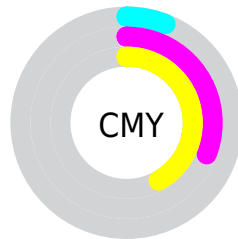
- Red (95%)
- Green (69%)
- Blue (58%)



- Red (95%)
- Yellow (73%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (39%)
- Black (5%)





- Cyan (6%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4673, 0.3980, 0.3602 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 51.4673, 0.3980, 0.3602 by changing the saturation by 10% instead.


 51.4673, 0.3980,
0.3602


 51.4673, 0.3980,
0.3602

392.3766, 0.3557,
0.3464

 36.5806, 0.4083,
0.3631


 92.3451, 0.3828,
0.3556

 24.8830, 0.4214,
0.3664


 119.1051, 0.3770,
0.3538

 15.9899, 0.4384,
0.3702


150.5917, 0.3722,
0.3521

 9.5170, 0.4613,
0.3744

187.1892, 0.3679,
0.3507

 5.0799, 0.4935,
0.3782

229.2820, 0.3643,
0.3494

 2.2942, 0.5508,
0.3859

277.2546, 0.3611,

 0.7706, 0.6280,

0.3483

0.3720

331.4914, 0.3583,
0.3473

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4673, 0.3980,
0.3602

51.4673, 0.3980,
0.3602

44.6114, 0.4295,
0.3679

59.3118, 0.3707,
0.3520

38.6963, 0.4646,
0.3740

68.1755, 0.3474,
0.3437

33.6812, 0.5019,
0.3776

78.0966, 0.3277,
0.3357

29.5189, 0.5388,
0.3773

89.1091, 0.3112,
0.3283

■ 26.1573, 0.5716,
0.3723

■ 97.4372, 0.3041,
0.3290

■ 23.5335, 0.5971,
0.3631

■ 23.3048, 0.5995,
0.3622

Harmonies

Analogous

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



51.4673, 0.3840, 0.3258



51.4673, 0.3980, 0.3602



51.4673, 0.3873, 0.3899

Triad

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



51.4673, 0.3980, 0.3602



51.4673, 0.2746, 0.3678



51.4673, 0.2671, 0.2603

Complementary

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



51.4673, 0.3980, 0.3602



60.1383, 0.2535, 0.2949

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.



51.4673, 0.2418, 0.2660



51.4673, 0.3980, 0.3602



51.4673, 0.2457, 0.3260

Square

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



51.4673, 0.3980, 0.3602



51.4673, 0.3149, 0.3983



51.4673, 0.2343, 0.2888



51.4673, 0.3059, 0.2705

Rectangle

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



51.4673, 0.3980, 0.3602



51.4673, 0.3683, 0.4025



51.4673, 0.2343, 0.2888



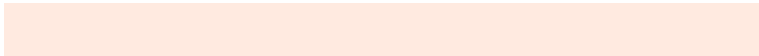
51.4673, 0.2568, 0.2603

Sweetspot

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



51.4698, 0.3980, 0.3602



85.2339, 0.3333, 0.3381



44.4454, 0.3411, 0.2574



17.9228, 0.3359, 0.3391



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.



51.4698, 0.3980, 0.3602



52.0842, 0.4233, 0.3665



72.3184, 0.3788, 0.4071



16.5263, 0.3286, 0.3361



12.8445, 0.5966, 0.3645



1.2357, 0.5709, 0.3849

Inverse Universe

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



60.1383, 0.2535, 0.2949



63.2010, 0.2423, 0.2864



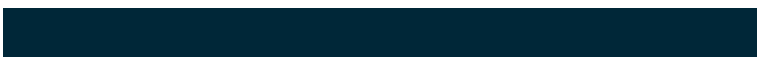
40.3320, 0.2446, 0.2360



17.0875, 0.2981, 0.3218



19.1193, 0.1969, 0.2289



1.7631, 0.2010, 0.2437

Previews

White Background



This preview shows how the Yxy color 51.4673, 0.3980, 0.3602 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 51.4673, 0.3980, 0.3602 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 51.4673, 0.3980, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 51.4673, 0.3980, 0.3602.



This preview shows how white text looks on a background with the Yxy color 51.4673, 0.3980, 0.3602.

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

51.4673, 0.3980, 0.3602

Protanopia

51.7166, 0.3514, 0.3739

Deuteranopia

51.7896, 0.3802, 0.3724



Tritanopia

51.4014, 0.3691, 0.3150

Trichromacy



Original Color

51.4673, 0.3980, 0.3602

Protanomaly

51.5312, 0.3679, 0.3699

Deuteranomaly

51.5408, 0.3868, 0.3682

Tritanomaly

51.4620, 0.3797, 0.3314

Monochromacy



Original Color

51.4673, 0.3980, 0.3602

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9540, 0.3413, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4673, 0.3980, 0.3602 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(241, 175, 147)` looks like.

```
.text, #text, p{  
    color:rgb(241, 175, 147)  
}
```

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(241, 175, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 175, 147) }
```

Border

The CSS property to change the border of an element to Yxy 51.4673, 0.3980, 0.3602 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(241, 175, 147) }
```

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

```
.border{ border-color:rgb(241, 175, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 175, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 175, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 175, 147);  
box-shadow:4px 4px 4px 4px rgb(241, 175,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4673, 0.3980, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 175, 147) }
```

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

```
.background{ background-color: rgb(241,  
175, 147) }
```

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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