

Converting Colors

Yxy(51.4335, 0.4007, 0.4170)

Have a look what the booklet for
Yxy(51.4335, 0.4007, 0.4170)
contains.

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Color

Yxy(51.5938, 0.4011, 0.4177)

Conversions

Conversions Part 1

Format	Color
Hex	DABB6F
RGB	218, 187, 111
RGB Percent	85%, 73%, 44%
CMY	0.1453, 0.2666, 0.5648
CMYK	0.00, 0.14, 0.49, 0.15
HSL	43°, 59%, 64%
HSV	43°, 49%, 85%
XYZ	49.5434, 51.5938, 22.3816
YIQ	187.6050, 42.8720, -17.0640

Conversions

Conversions Part 2

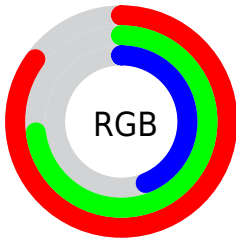
Format	Color
RYB	155, 218, 111
Decimal	14334831
CIELab	77.04, 1.37, 42.38
CIELCh	77, 42.397, 88.146
Yxy	51.5938, 0.4011, 0.4177
Android (android.graphics.Color)	4292524911 (0xFFDABB6F)
YUV	187.6050, -37.7663, 26.6564
Hunter-Lab	71.8288, -2.5814, 31.8056

Details

The Yxy color **51.5938, 0.4011, 0.4177** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **27.7619, 0.2277, 0.2190**, and the grayscale version is **50.2521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0415, 0.3704, 0.4077**, and **24.9642, 0.4222, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **48.5566, 0.4208, 0.4331**, and if you desaturate by 10%, it is **54.8704, 0.3813, 0.4003**.

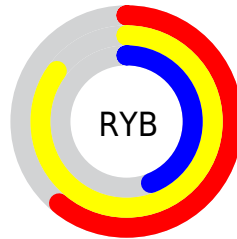
Distribution



Red (85%)

Green (73%)

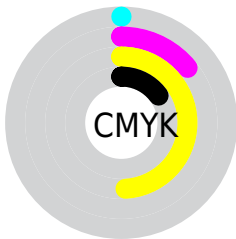
Blue (44%)



Red (61%)

Yellow (85%)

Blue (44%)

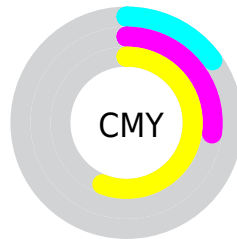


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (15%)



Cyan (15%)


Magenta (27%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5938, 0.4011, 0.4177 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 51.5938, 0.4011, 0.4177 by changing the saturation by 10% instead.


 51.5938, 0.4011,
0.4177


 51.5938, 0.4011,
0.4177


392.8664, 0.3589,
0.3757

 36.6814, 0.4106,
0.4271


 92.5319, 0.3864,
0.4032

 24.9609, 0.4222,
0.4384


 119.3264, 0.3807,
0.3975

 16.0479, 0.4362,
0.4520


 150.8504, 0.3758,
0.3926

 9.5581, 0.4531,
0.4682

 187.4883, 0.3715,
0.3883

 5.1069, 0.4787,
0.4927

229.6244, 0.3678,
0.3846

 2.3102, 0.4945,
0.5055

277.6432, 0.3645,

 0.7791, 0.4984,

0.3812

0.5016

331.9291, 0.3616,
0.3783

0.0000, 0.0000,
0.0000

51.5938, 0.4011,
0.4177

51.5938, 0.4011,
0.4177

48.5566, 0.4208,
0.4331

54.8704, 0.3813,
0.4003

45.7414, 0.4395,
0.4454

58.3883, 0.3620,
0.3818

43.1392, 0.4563,
0.4535


62.1586, 0.3437,
0.3632


40.7368, 0.4703,
0.4567

66.1893, 0.3268,
0.3449

38.5140, 0.4814,
0.4554

70.4879, 0.3114,
0.3274

 38.3161, 0.4824,
0.4552

 75.0615, 0.2974,
0.3110

 79.3534, 0.2897,
0.3042

 82.9490, 0.2899,
0.3108

 86.6729, 0.2901,
0.3174

Harmonies

Analogous

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



51.5938, 0.4259, 0.3807



51.5938, 0.4011, 0.4177



51.5938, 0.3535, 0.4336

Triad

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



51.5938, 0.4011, 0.4177



51.5938, 0.2175, 0.3070



51.5938, 0.3203, 0.2603

Complementary

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



51.5938, 0.4011, 0.4177



27.7619, 0.2277, 0.2190

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.



51.5938, 0.2656, 0.2415



51.5938, 0.4011, 0.4177



51.5938, 0.2106, 0.2632

Square

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



51.5938, 0.4011, 0.4177



51.5938, 0.2480, 0.3648



51.5938, 0.2272, 0.2415



51.5938, 0.3777, 0.2940

Rectangle

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



51.5938, 0.4011, 0.4177



51.5938, 0.3160, 0.4253



51.5938, 0.2272, 0.2415



51.5938, 0.3009, 0.2522

Sweetspot

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



51.5962, 0.4011, 0.4177



90.9205, 0.3369, 0.3559



28.2505, 0.4069, 0.2907



19.2026, 0.3405, 0.3598



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.



51.5962, 0.4011, 0.4177



69.1019, 0.4217, 0.4337



63.0809, 0.3672, 0.4556



14.5945, 0.3274, 0.3455



23.1580, 0.4813, 0.4561



1.6455, 0.4688, 0.4659

Inverse Universe

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



27.7619, 0.2277, 0.2190



31.3954, 0.2090, 0.1907



21.3619, 0.2361, 0.1807



13.2276, 0.2981, 0.3119



5.3267, 0.1606, 0.0980



0.4914, 0.1696, 0.1305

Previews

White Background



This preview shows how the Yxy color 51.5938, 0.4011, 0.4177 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 51.5938, 0.4011, 0.4177 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 51.5938, 0.4011, 0.4177

Background



This preview shows how black text looks on a background with the Yxy color 51.5938, 0.4011, 0.4177.



This preview shows how white text looks on a background with the Yxy color 51.5938, 0.4011, 0.4177.

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

51.5938, 0.4011, 0.4177

Protanopia

51.4067, 0.3897, 0.4231

Deuteranopia

51.6147, 0.4151, 0.4072



Tritanopia

51.3746, 0.3443, 0.3131

Trichromacy



Original Color

51.5938, 0.4011, 0.4177

Protanomaly

51.5621, 0.3938, 0.4207

Deuteranomaly

51.6196, 0.4094, 0.4109

Tritanomaly

51.3444, 0.3660, 0.3514

Monochromacy



Original Color

51.5938, 0.4011, 0.4177

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6466, 0.3444, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5938, 0.4011, 0.4177 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(218, 187, 111)` looks like.

```
.text, #text, p{  
    color:rgb(218, 187, 111)  
}
```

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(218, 187, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 187, 111) }
```

Border

The CSS property to change the border of an element to Yxy 51.5938, 0.4011, 0.4177 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(218, 187, 111) }
```

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

```
.border{ border-color:rgb(218, 187, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 187, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 187, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 187, 111);  
box-shadow:4px 4px 4px 4px rgb(218, 187,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5938, 0.4011, 0.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 187, 111) }
```

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

```
.background{ background-color: rgb(218,  
187, 111) }
```

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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