

Converting Colors

Yxy(56.3133, 0.3936, 0.4140)

Have a look what the booklet for
Yxy(56.3133, 0.3936, 0.4140)
contains.

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Color

Yxy(56.0987, 0.3938, 0.4137)

Conversions

Conversions Part 1

Format	Color
Hex	DFC379
RGB	223, 195, 121
RGB Percent	87%, 76%, 47%
CMY	0.1255, 0.2353, 0.5255
CMYK	0.00, 0.13, 0.46, 0.13
HSL	44°, 61%, 67%
HSV	44°, 46%, 87%
XYZ	53.4002, 56.0987, 26.1035
YIQ	194.9360, 40.4420, -17.0780

Conversions

Conversions Part 2

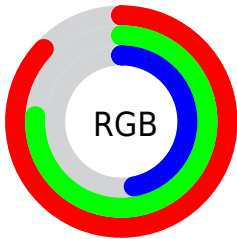
Format	Color
RYB	160, 223, 121
Decimal	14664569
CIELab	79.67, 0.21, 40.70
CIELCh	80, 40.705, 89.710
Yxy	56.0987, 0.3938, 0.4137
Android (android.graphics.Color)	4292854649 (0xFFDFC379)
YUV	194.9360, -36.4504, 24.6121
Hunter-Lab	74.8991, -3.8096, 31.7659

Details

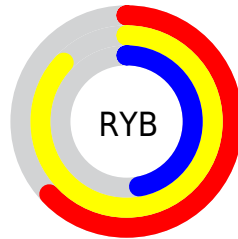
The Yxy color **56.0987, 0.3938, 0.4137** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **30.8923, 0.2333, 0.2256**, and the grayscale version is **54.7385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3104, 0.3620, 0.4051**, and **27.9079, 0.4121, 0.4334** is the 20% darker color. If you saturate the color by 10%, you get **52.9279, 0.4132, 0.4302**, and if you desaturate by 10%, it is **59.5138, 0.3744, 0.3955**.

Distribution



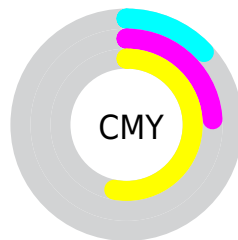
- Red (87%)
- Green (76%)
- Blue (47%)



- Red (63%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (46%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0987, 0.3938, 0.4137 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 56.0987, 0.3938, 0.4137 by changing the saturation by 10% instead.


 56.0987, 0.3938,
0.4137


 56.0987, 0.3938,
0.4137


410.0634, 0.3556,
0.3738


 40.2821, 0.4024,
0.4227


 99.1489, 0.3806,
0.3999

 27.7585, 0.4128,
0.4335


 127.1512, 0.3754,
0.3945

 18.1437, 0.4255,
0.4467


 159.9842, 0.3709,
0.3899

 11.0532, 0.4410,
0.4628

198.0323, 0.3671,
0.3858

 6.1026, 0.4599,
0.4823

241.6799, 0.3636,
0.3822

 2.9076, 0.4883,
0.5117

291.3113, 0.3606,

 1.0837, 0.4887,

0.3791

0.5113

347.3110, 0.3580,
0.3763

0.0000, 0.0000,
0.0000

56.0987, 0.3938,
0.4137

56.0987, 0.3938,
0.4137

52.9279, 0.4132,
0.4302

59.5138, 0.3744,
0.3955

49.9832, 0.4319,
0.4438

63.1745, 0.3556,
0.3766

47.2561, 0.4488,
0.4537

67.0922, 0.3379,
0.3576

44.7335, 0.4632,
0.4588

71.2749, 0.3215,
0.3392

42.3996, 0.4745,
0.4590

75.7302, 0.3065,
0.3217

■ 41.4520, 0.4787,
0.4581

■ 80.4652, 0.2930,
0.3052

■ 83.9800, 0.2930,
0.3114

■ 87.6038, 0.2932,
0.3178

■ 91.3500, 0.2933,
0.3240

Harmonies

Analogous

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



56.0987, 0.4181, 0.3802



56.0987, 0.3938, 0.4137



56.0987, 0.3486, 0.4263

Triad

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



56.0987, 0.3938, 0.4137



56.0987, 0.2224, 0.3062



56.0987, 0.3228, 0.2658

Complementary

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



56.0987, 0.3938, 0.4137



30.8923, 0.2333, 0.2256

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.



56.0987, 0.2711, 0.2471



56.0987, 0.3938, 0.4137



56.0987, 0.2169, 0.2660

Square

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



56.0987, 0.3938, 0.4137



56.0987, 0.2503, 0.3596



56.0987, 0.2338, 0.2464



56.0987, 0.3759, 0.2982

Rectangle

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



56.0987, 0.3938, 0.4137



56.0987, 0.3134, 0.4170



56.0987, 0.2338, 0.2464



56.0987, 0.3046, 0.2578

Sweetspot

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



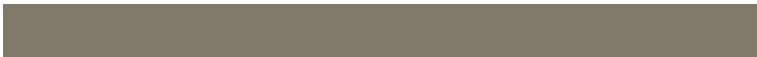
56.1013, 0.3938, 0.4137



91.8148, 0.3351, 0.3545



31.5643, 0.3998, 0.2950



19.3960, 0.3388, 0.3586



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.



56.1013, 0.3938, 0.4137



71.8559, 0.4126, 0.4297



66.5662, 0.3628, 0.4480



15.3598, 0.3274, 0.3459



24.5686, 0.4776, 0.4590



1.8501, 0.4666, 0.4677

Inverse Universe

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



30.8923, 0.2333, 0.2256



33.7152, 0.2156, 0.1990



24.8531, 0.2436, 0.1922



13.8527, 0.2981, 0.3115



5.2720, 0.1596, 0.0945



0.5128, 0.1680, 0.1247

Previews

White Background



This preview shows how the Yxy color 56.0987, 0.3938, 0.4137 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 56.0987, 0.3938, 0.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

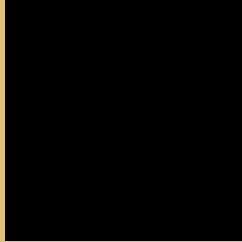
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0987, 0.3938, 0.4137

Background



This preview shows how black text looks on a background with the Yxy color 56.0987, 0.3938, 0.4137.



This preview shows how white text looks on a background with the Yxy color 56.0987, 0.3938, 0.4137.

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

56.0987, 0.3938, 0.4137

Protanopia

56.3922, 0.3855, 0.4178

Deuteranopia

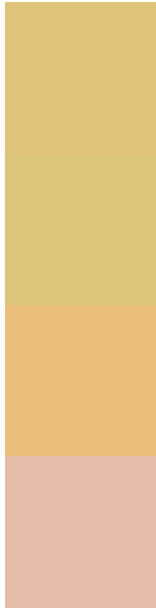
56.1511, 0.4102, 0.4020



Tritanopia

55.8570, 0.3396, 0.3124

Trichromacy



Original Color

56.0987, 0.3938, 0.4137

Protanomaly

56.3977, 0.3886, 0.4159

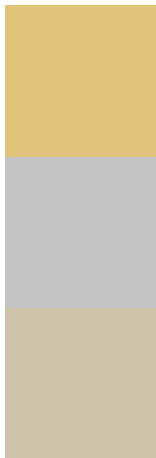
Deuteranomaly

55.9904, 0.4039, 0.4057

Tritanomaly

55.8294, 0.3604, 0.3497

Monochromacy



Original Color

56.0987, 0.3938, 0.4137

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.8365, 0.3417, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0987, 0.3938, 0.4137 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(223, 195, 121)` looks like.

```
.text, #text, p{  
    color:rgb(223, 195, 121)  
}
```

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(223, 195, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 195, 121) }
```

Border

The CSS property to change the border of an element to Yxy 56.0987, 0.3938, 0.4137 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(223, 195, 121) }
```

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

```
.border{ border-color:rgb(223, 195, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 195, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 195, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 195, 121);  
box-shadow:4px 4px 4px 4px rgb(223, 195,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0987, 0.3938, 0.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 195, 121) }
```

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

```
.background{ background-color: rgb(223,  
195, 121) }
```

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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