

Converting Colors

Yxy(56.3854, 0.3815, 0.4152)

Have a look what the booklet for
Yxy(56.3854, 0.3815, 0.4152)
contains.

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Color

Yxy(56.1650, 0.3815, 0.4151)

Conversions

Conversions Part 1

Format	Color
Hex	D6C67D
RGB	214, 198, 125
RGB Percent	84%, 78%, 49%
CMY	0.1609, 0.2235, 0.5098
CMYK	0.00, 0.07, 0.42, 0.16
HSL	49°, 52%, 66%
HSV	49°, 42%, 84%
XYZ	51.6188, 56.1650, 27.5210
YIQ	194.4620, 32.9690, -19.3110

Conversions

Conversions Part 2

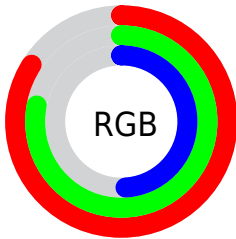
Format	Color
R _{YB}	145, 214, 125
Decimal	14075517
CIE Lab	79.71, -4.60, 38.56
CIE LCh	80, 38.832, 96.797
Yxy	56.1650, 0.3815, 0.4151
Android (android.graphics.Color)	4292265597 (0xFFD6C67D)
YUV	194.4620, -34.2448, 17.1348
Hunter-Lab	74.9433, -8.2052, 30.6876

Details

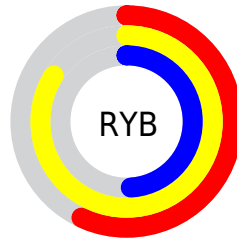
The Yxy color **56.1650, 0.3815, 0.4151** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.2452, 0.2393, 0.2245**, and the grayscale version is **54.4279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **27.7100, 0.3985, 0.4363** is the 20% darker color. If you saturate the color by 10%, you get **53.9474, 0.3986, 0.4341**, and if you desaturate by 10%, it is **58.5500, 0.3641, 0.3946**.

Distribution



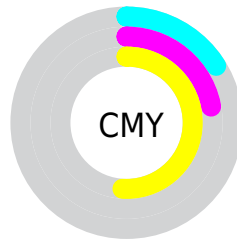
- Red (84%)
- Green (78%)
- Blue (49%)



- Red (57%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (7%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1650, 0.3815, 0.4151 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 56.1650, 0.3815, 0.4151 by changing the saturation by 10% instead.


 56.1650, 0.3815,
0.4151


 56.1650, 0.3815,
0.4151


410.3130, 0.3492,
0.3738


 40.3352, 0.3887,
0.4246


 99.2458, 0.3704,
0.4006

 27.8000, 0.3975,
0.4363


 127.2656, 0.3660,
0.3950

 18.1750, 0.4081,
0.4510


 160.1175, 0.3622,
0.3902

 11.0757, 0.4210,
0.4694

198.1860, 0.3589,
0.3861

 6.1178, 0.4362,
0.4926

241.8554, 0.3561,
0.3824

 2.9168, 0.4646,
0.5354

291.5101, 0.3535,

 1.0885, 0.4556,

0.3792

0.5444

347.5345, 0.3512,
0.3764

0.0000, 0.0000,
0.0000

56.1650, 0.3815,
0.4151

56.1650, 0.3815,
0.4151

53.9474, 0.3986,
0.4341

58.5500, 0.3641,
0.3946

51.8813, 0.4146,
0.4506

61.1018, 0.3469,
0.3735

49.9606, 0.4289,
0.4635

63.8298, 0.3305,
0.3525

48.1752, 0.4407,
0.4722

66.7403, 0.3151,
0.3321

46.5129, 0.4497,
0.4762

69.8391, 0.3008,
0.3128

■ 45.1914, 0.4553,
0.4767

■ 73.1319, 0.2877,
0.2948

■ 75.2844, 0.2869,
0.2973

■ 77.3793, 0.2871,
0.3014

■ 79.5210, 0.2873,
0.3055

Harmonies

Analogous

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



56.1650, 0.4102, 0.3870



56.1650, 0.3815, 0.4151



56.1650, 0.3355, 0.4201

Triad

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



56.1650, 0.3815, 0.4151



56.1650, 0.2230, 0.2969



56.1650, 0.3349, 0.2747

Complementary

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



56.1650, 0.3815, 0.4151



28.2452, 0.2393, 0.2245

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.



56.1650, 0.2838, 0.2533



56.1650, 0.3815, 0.4151



56.1650, 0.2229, 0.2626

Square

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



56.1650, 0.3815, 0.4151



56.1650, 0.2450, 0.3460



56.1650, 0.2440, 0.2483



56.1650, 0.3832, 0.3084

Rectangle

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



56.1650, 0.3815, 0.4151



56.1650, 0.3017, 0.4060



56.1650, 0.2440, 0.2483



56.1650, 0.3174, 0.2660

Sweetspot

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



56.1676, 0.3815, 0.4151



94.7345, 0.3314, 0.3536



30.8893, 0.3990, 0.3090



20.1596, 0.3335, 0.3563



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.



56.1676, 0.3815, 0.4151



80.6038, 0.3968, 0.4322



59.9670, 0.3516, 0.4398



14.1237, 0.3271, 0.3480



27.4653, 0.4547, 0.4772



1.7578, 0.4476, 0.4828

Inverse Universe

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



28.2452, 0.2393, 0.2245



33.6947, 0.2217, 0.1974



26.3086, 0.2592, 0.2090



12.3650, 0.2982, 0.3093



3.8947, 0.1548, 0.0771



0.3456, 0.1631, 0.1070

Previews

White Background



This preview shows how the Yxy color 56.1650, 0.3815, 0.4151 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 56.1650, 0.3815, 0.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

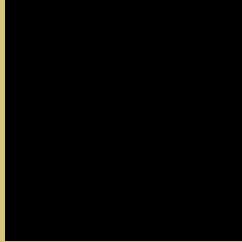
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1650, 0.3815, 0.4151

Background



This preview shows how black text looks on a background with the Yxy color 56.1650, 0.3815, 0.4151.



This preview shows how white text looks on a background with the Yxy color 56.1650, 0.3815, 0.4151.

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

56.1650, 0.3815, 0.4151

Protanopia

56.3159, 0.3824, 0.4148

Deuteranopia

56.1046, 0.4055, 0.3971



Tritanopia

55.8078, 0.3292, 0.3120

Trichromacy



Original Color

56.1650, 0.3815, 0.4151

Protanomaly

56.3159, 0.3824, 0.4148

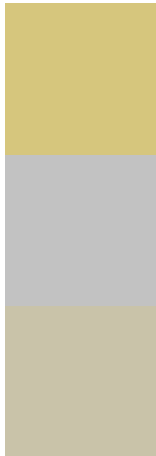
Deuteranomaly

55.8636, 0.3968, 0.4036

Tritanomaly

55.8545, 0.3486, 0.3490

Monochromacy



Original Color

56.1650, 0.3815, 0.4151

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3123, 0.3375, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1650, 0.3815, 0.4151 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(214, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 125)  
}
```

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(214, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 125) }
```

Border

The CSS property to change the border of an element to Yxy 56.1650, 0.3815, 0.4151 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(214, 198, 125) }
```

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

```
.border{ border-color:rgb(214, 198, 125) }
```

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

Here you see how a box with a 4 pixel rgb(214, 198, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 198, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 198, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 198,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1650, 0.3815, 0.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 125) }
```

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

```
.background{ background-color: rgb(214,  
198, 125) }
```

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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