

# Converting Colors

Yxy(56.0610, 0.3913, 0.3915)

Have a look what the booklet for  
Yxy(56.0610, 0.3913, 0.3915)  
contains.

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# **Color**

**Yxy(56.0281, 0.3912, 0.3912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7BF88
RGB	231, 191, 136
RGB Percent	91%, 75%, 53%
CMY	0.0942, 0.2509, 0.4665
CMYK	0.00, 0.17, 0.41, 0.09
HSL	35°, 66%, 72%
HSV	35°, 41%, 91%
XYZ	56.0281, 56.0281, 31.1649
YIQ	196.6900, 41.4950, -8.6250

# Conversions

## Conversions Part 2

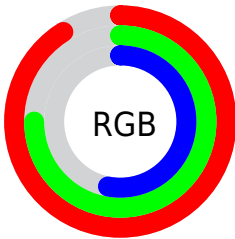
Format	Color
R <sub>Y</sub> B	205, 231, 136
Decimal	15187848
CIE Lab	79.63, 7.04, 33.07
CIE LCh	80, 33.815, 77.985
Yxy	56.0281, 0.3912, 0.3912
Android (android.graphics.Color)	4293377928 (0xFFE7BF88)
YUV	196.6900, -29.9202, 30.0899
Hunter-Lab	74.8519, 2.6198, 27.7107

# Details

The Yxy color **56.0281, 0.3912, 0.3912** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.0593, 0.2449, 0.2568**, and the grayscale version is **55.8053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4992, 0.3532, 0.3857**, and **27.8315, 0.4115, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **51.3410, 0.4148, 0.4056**, and if you desaturate by 10%, it is **61.1437, 0.3691, 0.3758**.

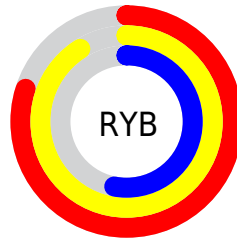
# Distribution



Red (91%)

Green (75%)

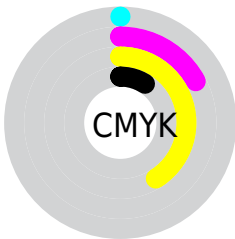
Blue (53%)



Red (80%)

Yellow (91%)

Blue (53%)

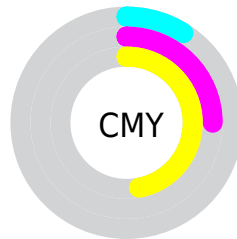


Cyan (0%)

Magenta (17%)

Yellow (41%)

Black (9%)



Cyan (9%)

Magenta (25%)


Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0281, 0.3912, 0.3912 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 56.0281, 0.3912, 0.3912 by changing the saturation by 10% instead.



 56.0281, 0.3912,  
0.3912


 56.0281, 0.3912,  
0.3912


409.7974, 0.3534,  
0.3622

 40.2255, 0.4000,  
0.3977


 99.0457, 0.3779,  
0.3812

 27.7144, 0.4109,  
0.4055


 127.0294, 0.3728,  
0.3773

 18.1105, 0.4247,  
0.4151


 159.8422, 0.3684,  
0.3739

 11.0293, 0.4425,  
0.4268

197.8686, 0.3646,  
0.3710

 6.0866, 0.4657,  
0.4409

241.4929, 0.3613,  
0.3684

 2.8978, 0.5163,  
0.4749

291.0996, 0.3584,

 1.0786, 0.5336,

0.3661

0.4664

347.0729, 0.3558,  
0.3641

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

56.0281, 0.3912,  
0.3912

56.0281, 0.3912,  
0.3912

51.3410, 0.4148,  
0.4056

61.1437, 0.3691,  
0.3758

47.0598, 0.4391,  
0.4178

66.6935, 0.3488,  
0.3603

43.1713, 0.4631,  
0.4268

72.6929, 0.3306,  
0.3451

39.6581, 0.4855,  
0.4313

79.1542, 0.3144,  
0.3306

36.5001, 0.5049,  
0.4305

86.0889, 0.3001,  
0.3170

33.9648, 0.5194,  
0.4258

92.1792, 0.2981,  
0.3233

95.7266, 0.2981,  
0.3290

# Harmonies

## Analogous

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



56.0281, 0.4015, 0.3599



56.0281, 0.3912, 0.3912



56.0281, 0.3595, 0.4085

# Triad

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



56.0281, 0.3912, 0.3912



56.0281, 0.2439, 0.3274



56.0281, 0.3038, 0.2676

# Complementary

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



56.0281, 0.3912, 0.3912



42.0593, 0.2449, 0.2568

# 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.



56.0281, 0.2639, 0.2575



56.0281, 0.3912, 0.3912



56.0281, 0.2313, 0.2883

# Square

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



56.0281, 0.3912, 0.3912



56.0281, 0.2744, 0.3711



56.0281, 0.2383, 0.2641



56.0281, 0.3491, 0.2913



# Rectangle

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



56.0281, 0.3912, 0.3912



56.0281, 0.3314, 0.4073



56.0281, 0.2383, 0.2641



56.0281, 0.2893, 0.2626

# Sweetspot

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



56.0307, 0.3912, 0.3912



90.2376, 0.3323, 0.3465



37.7851, 0.3714, 0.2823



19.0980, 0.3346, 0.3485



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.



56.0307, 0.3912, 0.3912



65.2998, 0.4104, 0.4030



74.8748, 0.3692, 0.4322



15.7471, 0.3278, 0.3426



19.2945, 0.5174, 0.4274

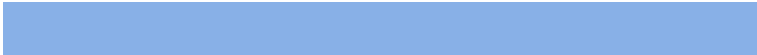


1.6087, 0.4992, 0.4418

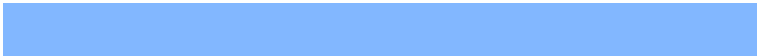


# Inverse Universe

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



42.0593, 0.2449, 0.2568



45.6946, 0.2311, 0.2393



29.1686, 0.2409, 0.2039



14.8794, 0.2981, 0.3150



8.2870, 0.1703, 0.1330



0.7928, 0.1782, 0.1616



# Previews

## White Background



This preview shows how the Yxy color 56.0281, 0.3912, 0.3912 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 56.0281, 0.3912, 0.3912 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

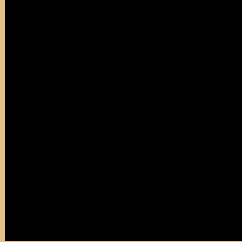
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 56.0281, 0.3912, 0.3912**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.0281, 0.3912, 0.3912.



This preview shows how white text looks on a background with the Yxy color 56.0281, 0.3912, 0.3912.

# 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

56.0281, 0.3912, 0.3912

### Protanopia

55.9427, 0.3706, 0.3982

### Deuteranopia

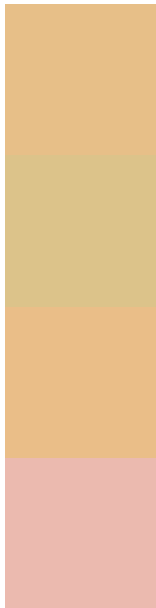
56.0056, 0.3966, 0.3881



## Tritanopia

55.9027, 0.3476, 0.3137

# Trichromacy



**Original Color**

56.0281, 0.3912, 0.3912

**Protanomaly**

56.0808, 0.3783, 0.3957

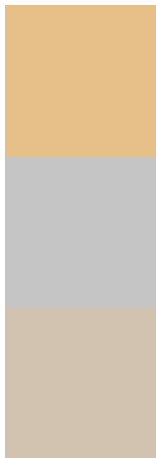
**Deuteranomaly**

56.0969, 0.3943, 0.3895

**Tritanomaly**

55.8751, 0.3640, 0.3415

# Monochromacy



**Original Color**

56.0281, 0.3912, 0.3912

**Achromatopsia**

55.8340, 0.3127, 0.3290

**Achromatomaly**

55.6807, 0.3395, 0.3531

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.0281, 0.3912, 0.3912 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(231, 191, 136)` looks like.

```
.text, #text, p{  
    color:rgb(231, 191, 136)  
}
```

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(231, 191, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 191, 136) }
```

## Border

The CSS property to change the border of an element to Yxy 56.0281, 0.3912, 0.3912 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(231, 191, 136) }
```

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

```
.border{ border-color:rgb(231, 191, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 191, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 191, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 191, 136);  
box-shadow:4px 4px 4px 4px rgb(231, 191,  
136) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.0281, 0.3912, 0.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 191, 136) }
```

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

```
.background{ background-color: rgb(231,  
191, 136) }
```

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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