

# Converting Colors

XYZ(52.5800, 56.0813, 38.1905)

Have a look what the booklet for  
XYZ(52.5800, 56.0813, 38.1905)  
contains.

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# **Color**

**XYZ(52.5800, 56.0813,  
38.1905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3C599
RGB	211, 197, 153
RGB Percent	83%, 77%, 60%
CMY	0.1725, 0.2274, 0.4000
CMYK	0.00, 0.07, 0.27, 0.17
HSL	46°, 40%, 71%
HSV	46°, 27%, 83%
XYZ	52.5800, 56.0813, 38.1905
YIQ	196.1700, 22.4680, -10.7160

# Conversions

## Conversions Part 2

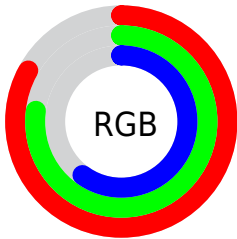
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 211, 153
Decimal	13878681
CIE Lab	79.66, -1.87, 23.88
CIE LCh	80, 23.958, 94.487
Yxy	56.0813, 0.3580, 0.3819
Android (android.graphics.Color)	4292068761 (0xFFD3C599)
YUV	196.1700, -21.2828, 13.0059
Hunter-Lab	74.8874, -5.7246, 22.1850

# Details

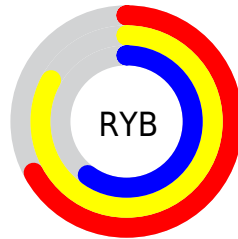
The XYZ color **52.5800, 56.0813, 38.1905** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7132, 39.1119, 67.1372**, and the grayscale version is **52.6869, 55.4307, 60.3640**.

A 20% lighter version of the original color is **88.0670, 96.6977, 73.6974**, and **25.9310, 27.6722, 16.5449** is the 20% darker color. If you saturate the color by 10%, you get **49.8529, 53.1737, 29.4306**, and if you desaturate by 10%, it is **55.6572, 59.1954, 48.5888**.

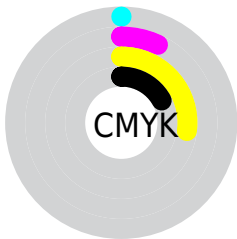
# Distribution



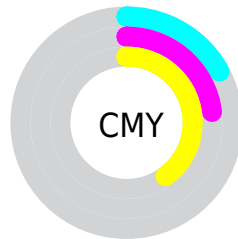
- Red (83%)
- Green (77%)
- Blue (60%)



- Red (67%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (17%)




- Cyan (17%)
- Magenta (23%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5800, 56.0813, 38.1905 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 XYZ color 52.5800, 56.0813, 38.1905 by changing the saturation by 10% instead.





 52.5800, 56.0813,  
38.1905


 52.5800, 56.0813,  
38.1905


386.9590,  
409.9978, 353.7591

 37.6937, 40.2681,  
25.8276


 93.1552, 99.1234,  
73.6067

 25.9212, 27.7476,  
16.4701


 119.5749,  
127.1212, 97.4971

 16.8971, 18.1355,  
9.6995


150.5697,  
159.9492, 126.0670

 10.2560, 11.0473,  
5.0972

186.5051,  
197.9920, 159.7350

 5.6326, 6.0987,  
2.2447

227.7463,  
241.6338, 198.9197

 2.6615, 2.9052,  
0.7000

274.6588,

 0.9774, 1.0824,

291.2591, 244.0396

0.0000

327.6079,  
347.2523, 295.5132

■ 0.0000, 0.0000,  
0.0000

■ 52.5800, 56.0813,  
38.1905

■ 52.5800, 56.0813,  
38.1905

■ 49.8529, 53.1737,  
29.4306

■ 55.6572, 59.1954,  
48.5888

■ 47.4551, 50.4577,  
22.2199

■ 59.0957, 62.5151,  
60.7014

■ 45.3698, 47.9279,  
16.4662

■ 62.9112, 66.0493,  
74.6035

■ 43.5770, 45.5758,  
12.0659

■ 67.1175, 69.8041,  
90.3650

■ 42.0540, 43.3917,  
8.9016

■ 71.1583, 73.5574,  
105.0553

■ 40.7745, 41.3642,  
6.8360

■ 72.5349, 76.3105,  
105.5142

■ 39.7020, 39.4782,  
5.6798

■ 73.9526, 79.1461,  
105.9867

■ 39.4498, 39.0205,  
5.4525

■ 75.4120, 82.0647,  
106.4732

■ 76.9132, 85.0672,  
106.9736

# Harmonies

## Analogous

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



57.4066, 56.0813, 40.0582



52.5800, 56.0813, 38.1905



48.2137, 56.0813, 41.6506

# Triad

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



52.5800, 56.0813, 38.1905



46.0059, 56.0813, 77.4036



62.1366, 56.0813, 73.2567

# Complementary

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



52.5800, 56.0813, 38.1905



38.7132, 39.1119, 67.1372

# 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.



58.7396, 56.0813, 85.7278



52.5800, 56.0813, 38.1905



49.4009, 56.0813, 88.3645

# Square

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



52.5800, 56.0813, 38.1905



44.5667, 56.0813, 63.1685



54.0338, 56.0813, 91.6192



63.1137, 56.0813, 59.0048



# Rectangle

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



52.5800, 56.0813, 38.1905



46.0925, 56.0813, 46.8729



54.0338, 56.0813, 91.6192



61.2301, 56.0813, 77.8617

# Sweetspot

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



52.5814, 56.0838, 38.1917



90.3874, 95.6545, 91.9938



45.2771, 39.4406, 42.0291



19.1680, 20.3042, 19.0532



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

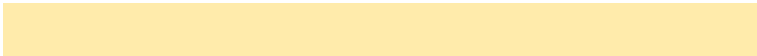


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5814, 56.0838, 38.1917



78.1974, 83.4366, 50.4366



51.9397, 60.6917, 39.1149



12.5517, 13.2940, 12.5165



23.8911, 23.7153, 3.3183



1.3953, 1.4449, 0.2054



# Inverse Universe

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



38.7132, 39.1119, 67.1372



53.4766, 53.1904, 102.0560



39.1919, 35.7564, 66.4643



11.3920, 11.8743, 14.9352



7.8754, 4.3974, 37.6262

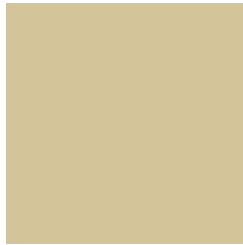


0.5036, 0.3724, 2.1249



# Previews

## White Background



This preview shows how the XYZ color 52.5800, 56.0813, 38.1905 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

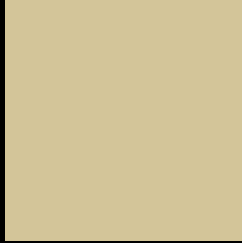
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.5800, 56.0813, 38.1905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

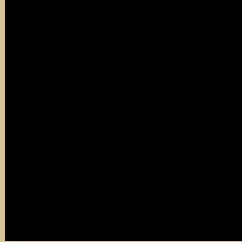
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 52.5800, 56.0813, 38.1905

## Background



This preview shows how black text looks on a background with the XYZ color 52.5800, 56.0813, 38.1905.



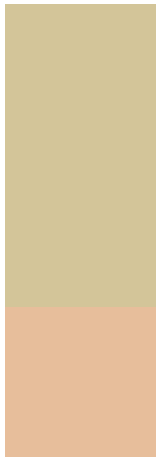
This preview shows how white text looks on a background with the XYZ color 52.5800, 56.0813,



# 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

52.5800, 56.0813, 38.1905

### Protanopia

52.5800, 56.0813, 38.1905

### Deuteranopia

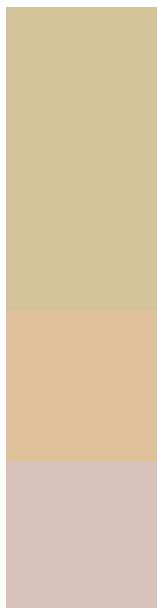
57.2848, 56.1824, 38.8354



## Tritanopia

58.0482, 55.9864, 65.5046

# Trichromacy



## Original Color

52.5800, 56.0813, 38.1905

## Protanomaly

52.5800, 56.0813, 38.1905

## Deuteranomaly

55.6432, 56.3203, 38.5100

## Tritanomaly

55.9572, 56.1322, 54.3397

# Monochromacy



## Original Color

52.5800, 56.0813, 38.1905

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

52.0655, 55.1927, 51.0891

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.5800, 56.0813, 38.1905 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(211, 197, 153)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 153)  
}
```

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(211, 197, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 153) }
```

## Border

The CSS property to change the border of an element to XYZ 52.5800, 56.0813, 38.1905 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(211, 197, 153) }
```



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

```
.border{ border-color:rgb(211, 197, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 153);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
153) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.5800, 56.0813, 38.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 153) }
```

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

```
.background{ background-color: rgb(211,  
197, 153) }
```

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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