

# Converting Colors

XYZ(56.1451, 58.2529, 54.9680)

Have a look what the booklet for  
XYZ(56.1451, 58.2529, 54.9680)  
contains.

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# **Color**

**XYZ(56.1503, 58.2409,  
54.7366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3C7BA
RGB	211, 199, 186
RGB Percent	83%, 78%, 73%
CMY	0.1725, 0.2196, 0.2706
CMYK	0.00, 0.06, 0.12, 0.17
HSL	31°, 22%, 78%
HSV	31°, 12%, 83%
XYZ	56.1503, 58.2409, 54.7366
YIQ	201.1060, 11.3250, -1.4990

# Conversions

## Conversions Part 2

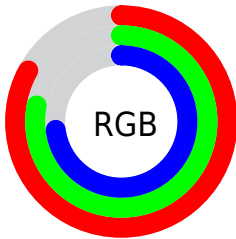
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 211, 186
Decimal	13879226
CIE Lab	80.87, 1.99, 8.00
CIE LCh	81, 8.238, 76.043
Yxy	58.2409, 0.3320, 0.3444
Android (android.graphics.Color)	4292069306 (0xFFD3C7BA)
YUV	201.1060, -7.4473, 8.6770
Hunter-Lab	76.3157, -2.2188, 10.8959

# Details

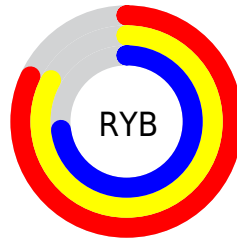
The XYZ color **56.1503, 58.2409, 54.7366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2015, 55.5293, 69.5954**, and the grayscale version is **55.6242, 58.5210, 63.7294**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **28.0693, 29.0122, 26.3108** is the 20% darker color. If you saturate the color by 10%, you get **51.8187, 52.9059, 43.0310**, and if you desaturate by 10%, it is **60.9714, 64.0236, 68.2409**.

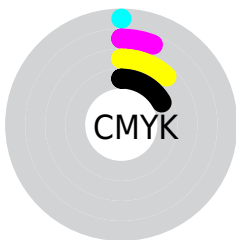
# Distribution



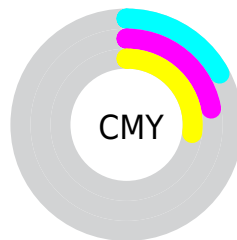
- Red (83%)
- Green (78%)
- Blue (73%)



- Red (82%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1503, 58.2409, 54.7366 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 56.1503, 58.2409, 54.7366 by changing the saturation by 10% instead.



■ 56.1503, 58.2409,  
54.7366

■ 56.1503, 58.2409,  
54.7366

400.3235,  
418.0830, 422.1665

■ 40.5609, 42.0023,  
38.7937

■ 98.3628, 102.2736,  
98.6222

■ 28.1623, 29.1031,  
26.2927

125.7167,  
130.8365, 127.4020

■ 18.5891, 19.1589,  
16.8150

157.7228,  
164.2763, 161.2978

■ 11.4760, 11.7851,  
9.9421

194.7464,  
202.9775, 200.7282

■ 6.4576, 6.5975,  
5.2555

237.1529,  
247.3243, 246.1117

■ 3.1686, 3.2117,  
2.3366

285.3077,

■ 1.2435, 1.2432,

297.7012, 297.8669

0.7516

339.5761,  
354.4927, 356.4123

■ 0.1403, 0.0966,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.1503, 58.2409,  
54.7366

■ 56.1503, 58.2409,  
54.7366

■ 51.8187, 52.9059,  
43.0310

■ 60.9714, 64.0236,  
68.2409

■ 47.9543, 47.9990,  
33.0433

■ 66.2938, 70.2575,  
83.6127

■ 44.5401, 43.5105,  
24.6919

■ 72.1345, 76.9560,  
100.9216

■ 41.5562, 39.4274,  
17.8869

■ 75.9284, 83.0973,  
106.6453

■ 38.9807, 35.7355,  
12.5300

■ 78.9844, 89.2094,  
107.6640

■ 36.7895, 32.4199,  
8.5111

■ 80.6742, 92.5890,  
108.2272

■ 34.9554, 29.4639,  
5.7040

■ 33.4463, 26.8489,  
3.9581

■ 32.4137, 24.9480,  
3.1071

# Harmonies

## Analogous

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



57.6619, 58.2409, 56.8964



56.1503, 58.2409, 54.7366



54.4557, 58.2409, 54.8168

# Triad

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



56.1503, 58.2409, 54.7366



52.2666, 58.2409, 66.0432



57.7486, 58.2409, 70.1535

# Complementary

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



56.1503, 58.2409, 54.7366



52.2015, 55.5293, 69.5954

# 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.



56.2667, 58.2409, 72.8671



56.1503, 58.2409, 54.7366



53.1129, 58.2409, 70.4122

# Square

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



56.1503, 58.2409, 54.7366



52.2369, 58.2409, 61.1779



54.5697, 58.2409, 72.9642



58.5973, 58.2409, 65.7048



# Rectangle

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



56.1503, 58.2409, 54.7366



53.4506, 58.2409, 56.1254



54.5697, 58.2409, 72.9642



57.3066, 58.2409, 71.3087

# Sweetspot

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



56.1519, 58.2435, 54.7378



91.9094, 96.2773, 99.9654



54.6262, 53.0486, 60.8375



19.5490, 20.4602, 21.0482



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

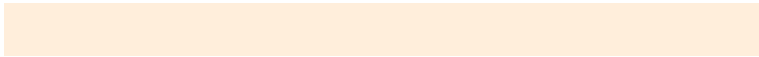


# Same Dimension

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



56.1519, 58.2435, 54.7378



84.6024, 87.4636, 79.6482



58.9025, 63.9217, 55.6889



12.3102, 12.8110, 12.4360



19.6647, 15.2625, 1.9095



1.1788, 1.0119, 0.1332

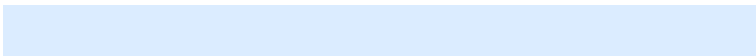


# Inverse Universe

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



52.2015, 55.5293, 69.5954



77.4732, 82.5656, 106.4612



49.6687, 50.3132, 68.7221



11.6250, 12.3403, 15.0129



10.0203, 8.6871, 38.3411

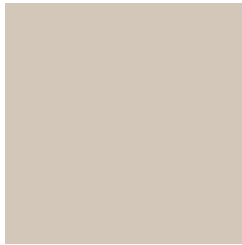


0.6395, 0.6442, 2.1702



# Previews

## White Background



This preview shows how the XYZ color 56.1503, 58.2409, 54.7366 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

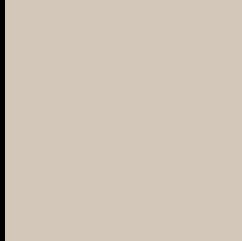
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.1503, 58.2409, 54.7366 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

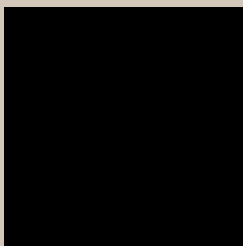
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

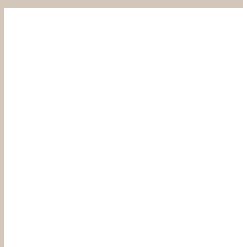
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 56.1503, 58.2409, 54.7366**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.1503, 58.2409, 54.7366.



This preview shows how white text looks on a background with the XYZ color 56.1503, 58.2409,



# 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

56.1503, 58.2409, 54.7366

### Protanopia

55.6363, 58.3063, 55.3356

### Deuteranopia

59.3128, 58.1790, 55.1173



## Tritanopia

59.0045, 58.0295, 69.7190

# Trichromacy



## Original Color

56.1503, 58.2409, 54.7366

## Protanomaly

55.9184, 58.4517, 55.3488

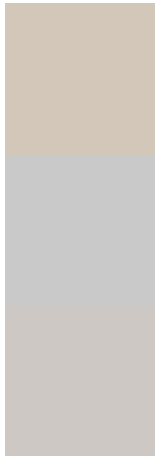
## Deuteranomaly

58.2248, 58.2834, 55.1947

## Tritanomaly

57.8412, 57.8903, 64.0025

# Monochromacy



## Original Color

56.1503, 58.2409, 54.7366

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

55.7949, 58.2732, 60.5317

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.1503, 58.2409, 54.7366 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, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 186)  
}
```

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, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 56.1503, 58.2409, 54.7366 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, 199, 186) }
```



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

```
.border{ border-color:rgb(211, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(211, 199,  
186) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.1503, 58.2409, 54.7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 186) }
```

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

```
.background{ background-color: rgb(211,  
199, 186) }
```

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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