

# Converting Colors

XYZ(51.6941, 52.7723, 38.1313)

Have a look what the booklet for  
XYZ(51.6941, 52.7723, 38.1313)  
contains.

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# **Color**

**XYZ(51.5475, 52.5957,  
38.0070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6BC9A
RGB	214, 188, 154
RGB Percent	84%, 74%, 60%
CMY	0.1608, 0.2627, 0.3961
CMYK	0.00, 0.12, 0.28, 0.16
HSL	34°, 42%, 72%
HSV	34°, 28%, 84%
XYZ	51.5475, 52.5957, 38.0070
YIQ	191.8980, 26.4100, -5.0620

# Conversions

## Conversions Part 2

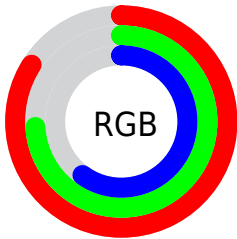
Format	Color
RYB	200, 214, 154
Decimal	14072986
CIELab	77.64, 4.15, 20.62
CIELCh	78, 21.034, 78.629
Yxy	52.5957, 0.3626, 0.3700
Android (android.graphics.Color)	4292263066 (0xFFD6BC9A)
YUV	191.8980, -18.6837, 19.3835
Hunter-Lab	72.5229, -0.0416, 19.6940

# Details

The XYZ color **51.5475, 52.5957, 38.0070** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.7849, 44.3662, 69.9797**, and the grayscale version is **50.1393, 52.7505, 57.4453**.

A 20% lighter version of the original color is **85.0993, 90.5648, 73.3171**, and **25.4102, 25.6781, 16.4491** is the 20% darker color. If you saturate the color by 10%, you get **48.0046, 48.1122, 28.8027**, and if you desaturate by 10%, it is **55.5382, 57.4656, 48.9294**.

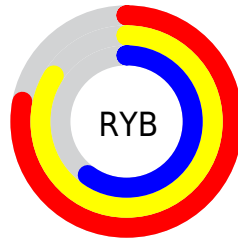
# Distribution



Red (84%)

Green (74%)

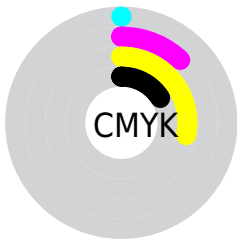
Blue (60%)



Red (78%)

Yellow (84%)

Blue (60%)

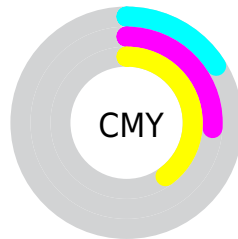


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (16%)



Cyan (16%)

Magenta (26%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5475, 52.5957, 38.0070 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 51.5475, 52.5957, 38.0070 by changing the saturation by 10% instead.





 51.5475, 52.5957,  
38.0070


 51.5475, 52.5957,  
38.0070


383.0399,  
396.7320, 352.9491

 36.8673, 37.4801,  
25.6862


 91.6417, 94.0092,  
73.3224

 25.2780, 25.5794,  
16.3654


 117.7865,  
121.0759, 97.1541

 16.4141, 16.5093,  
9.6259


148.4836,  
152.8950, 125.6600

 9.9104, 9.8852,  
5.0493

184.0982,  
189.8511, 159.2584

 5.4014, 5.3229,  
2.2170

224.9958,  
232.3284, 198.3680

 2.5218, 2.4380,  
0.6841

271.5417,

 0.9063, 0.8453,

280.7114, 243.4073

0.0000

324.1013,  
335.3845, 294.7948

0.0000, 0.0000,  
0.0000

51.5475, 52.5957,  
38.0070

51.5475, 52.5957,  
38.0070

48.0046, 48.1122,  
28.8027

55.5382, 57.4656,  
48.9294

44.8861, 43.9965,  
21.2236

59.9906, 62.7256,  
61.6497

42.1725, 40.2387,  
15.1728

64.9228, 68.3885,  
76.2466

39.8408, 36.8255,  
10.5415

70.3508, 74.4641,  
92.7933

37.8653, 33.7426,  
7.2067

75.3081, 80.5692,  
106.1900

■ 36.2159, 30.9735,  
5.0238

■ 78.0227, 85.9984,  
107.0949

■ 34.8505, 28.4971,  
3.7843

■ 80.8776, 91.7081,  
108.0465

■ 34.6035, 28.0399,  
3.5884

■ 81.5416, 93.0362,  
108.2678

# Harmonies

## Analogous

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



55.3363, 52.5957, 42.0588



51.5475, 52.5957, 38.0070



47.5353, 52.5957, 38.5677

# Triad

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



51.5475, 52.5957, 38.0070



42.9441, 52.5957, 64.7197



56.0883, 52.5957, 73.3725

# Complementary

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



51.5475, 52.5957, 38.0070



41.7849, 44.3662, 69.9797

# 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.



52.5291, 52.5957, 81.2053



51.5475, 52.5957, 38.0070



45.0008, 52.5957, 75.7614

# Square

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



51.5475, 52.5957, 38.0070



42.7131, 52.5957, 52.9669



48.4654, 52.5957, 82.1345



58.0511, 52.5957, 61.7954



# Rectangle

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



51.5475, 52.5957, 38.0070



45.2685, 52.5957, 41.5008



48.4654, 52.5957, 82.1345



55.0303, 52.5957, 76.5943

# Sweetspot

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



51.5489, 52.5981, 38.0081



89.1826, 93.2449, 91.5923



47.5258, 40.7032, 48.5322



18.8638, 19.6957, 18.9518



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.



51.5489, 52.5981, 38.0081



73.2615, 73.9495, 47.6049



56.4579, 64.1280, 39.9749



13.0015, 13.5771, 13.0961



21.0208, 17.1588, 2.2041



1.3495, 1.1981, 0.1601

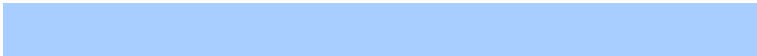


# Inverse Universe

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



41.7849, 44.3662, 69.9797



56.3008, 59.6546, 103.1549



37.7943, 35.2360, 68.4277



12.1807, 12.8849, 15.7826



9.7866, 7.8350, 39.4497

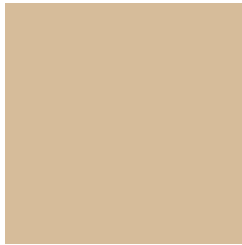


0.6717, 0.6354, 2.4065



# Previews

## White Background



This preview shows how the XYZ color 51.5475, 52.5957, 38.0070 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

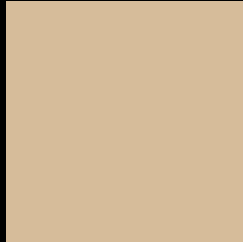
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 51.5475, 52.5957, 38.0070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

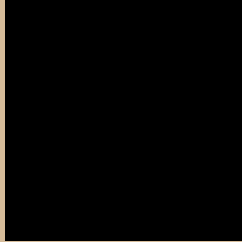
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 51.5475, 52.5957, 38.0070**

## **Background**



This preview shows how black text looks on a background with the XYZ color 51.5475, 52.5957, 38.0070.



This preview shows how white text looks on a background with the XYZ color 51.5475, 52.5957,



# 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

51.5475, 52.5957, 38.0070

### Protanopia

49.4790, 52.7961, 39.0353

### Deuteranopia

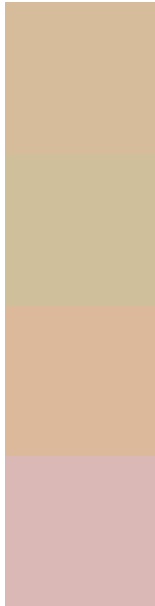
53.4883, 52.3355, 38.2930



## Tritanopia

55.9052, 52.5015, 59.4118

# Trichromacy



## Original Color

51.5475, 52.5957, 38.0070

## Protanomaly

50.2793, 52.8936, 38.5698

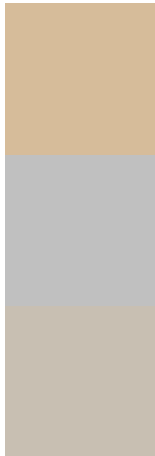
## Deuteranomaly

52.7806, 52.2801, 38.3196

## Tritanomaly

54.0963, 52.3689, 50.9731

# Monochromacy



## Original Color

51.5475, 52.5957, 38.0070

## Achromatopsia

50.1023, 52.7115, 57.4028

## Achromatomaly

50.4861, 52.7553, 49.6414

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 51.5475, 52.5957, 38.0070 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, 188, 154)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 154)  
}
```

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, 188, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 154) }
```

## Border

The CSS property to change the border of an element to XYZ 51.5475, 52.5957, 38.0070 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, 188, 154) }
```



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

```
.border{ border-color:rgb(214, 188, 154) }
```

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

Here you see how a box with a 4 pixel rgb(214, 188, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 154);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
154) }
```

# Background

The CSS property to change the background color of an element to XYZ 51.5475, 52.5957, 38.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 154) }
```

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

```
.background{ background-color: rgb(214,  
188, 154) }
```

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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