

# Converting Colors

XYZ(51.0547, 50.5857, 46.6083)

Have a look what the booklet for  
XYZ(51.0547, 50.5857, 46.6083)  
contains.

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# **Color**

**XYZ(51.0547, 50.5857,  
46.6083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2B7AD
RGB	210, 183, 173
RGB Percent	82%, 72%, 68%
CMY	0.1765, 0.2823, 0.3216
CMYK	0.00, 0.13, 0.18, 0.18
HSL	16°, 29%, 75%
HSV	16°, 18%, 82%
XYZ	51.0547, 50.5857, 46.6083
YIQ	189.9330, 19.3020, 2.6140

# Conversions

## Conversions Part 2

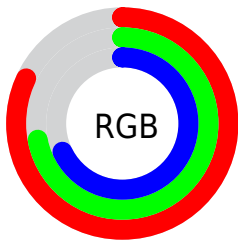
Format	Color
R <sub>Y</sub> B	210, 187, 173
Decimal	13809581
CIE Lab	76.43, 8.05, 8.63
CIE LCh	76, 11.802, 46.979
Yxy	50.5857, 0.3444, 0.3412
Android (android.graphics.Color)	4291999661 (0xFFD2B7AD)
YUV	189.9330, -8.3480, 17.5988
Hunter-Lab	71.1236, 3.6664, 10.9330

# Details

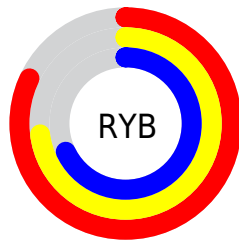
The XYZ color **51.0547, 50.5857, 46.6083** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5205, 54.8449, 68.9495**, and the grayscale version is **48.9449, 51.4938, 56.0767**.

A 20% lighter version of the original color is **86.1101, 88.5944, 85.9607**, and **24.9514, 24.3143, 21.4672** is the 20% darker color. If you saturate the color by 10%, you get **46.1903, 43.8570, 35.7371**, and if you desaturate by 10%, it is **56.5853, 58.1348, 59.2786**.

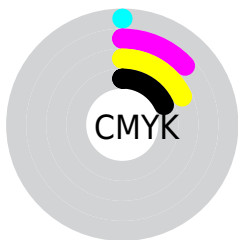
# Distribution



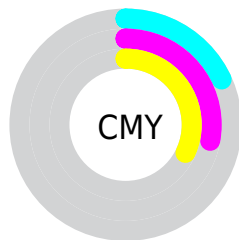
- Red (82%)
- Green (72%)
- Blue (68%)



- Red (82%)
- Yellow (73%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (18%)




- Cyan (18%)
- Magenta (28%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0547, 50.5857, 46.6083 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 51.0547, 50.5857, 46.6083 by changing the saturation by 10% instead.





 51.0547, 50.5857,  
46.6083

 51.0547, 50.5857,  
46.6083


381.1604,  
388.9520, 389.5973

 36.4734, 35.8790,  
32.3740


 90.9181, 91.0421,  
86.4725

 24.9718, 24.3408,  
21.3801


116.9309,  
117.5605, 112.9394

 16.1847, 15.5866,  
13.2082


147.4849,  
148.7850, 144.3210

 9.7466, 9.2321,  
7.4397

182.9455,  
185.1000, 181.0358

 5.2922, 4.8929,  
3.6560

223.6780,  
226.8897, 223.5022

 2.4562, 2.1845,  
1.4386

270.0477,

 0.8732, 0.7115,

274.5387, 272.1389

0.1715

322.4201,  
328.4314, 327.3644

■ 0.0000, 0.0000,  
0.0000

■ 51.0547, 50.5857,  
46.6083

■ 51.0547, 50.5857,  
46.6083

■ 46.1903, 43.8570,  
35.7371

■ 56.5853, 58.1348,  
59.2786

■ 41.9622, 37.9141,  
26.5797

■ 62.8025, 66.5241,  
73.8214

■ 38.3442, 32.7297,  
19.0487

■ 69.7307, 75.7810,  
90.3101

■ 35.3065, 28.2724,  
13.0477

■ 77.0679, 85.8003,  
107.1069

■ 32.8167, 24.5085,  
8.4700

■ 80.3886, 92.4418,  
108.2139

■ 30.8389, 21.4014,  
5.1949

■ 29.3322, 18.9107,  
3.0815

■ 28.2443, 16.9893,  
1.9342

■ 28.0308, 16.6061,  
1.7279

# Harmonies

## Analogous

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



52.2836, 50.5857, 51.5824



51.0547, 50.5857, 46.6083



49.0493, 50.5857, 43.9964

# Triad

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



51.0547, 50.5857, 46.6083



44.0362, 50.5857, 52.3679



49.3388, 50.5857, 67.6314

# Complementary

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



51.0547, 50.5857, 46.6083



49.5205, 54.8449, 68.9495

# 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.



47.1239, 50.5857, 67.8826



51.0547, 50.5857, 46.6083



44.1083, 50.5857, 58.7306

# Square

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



51.0547, 50.5857, 46.6083



45.0235, 50.5857, 47.1451



45.2235, 50.5857, 64.5190



51.2722, 50.5857, 63.8571



# Rectangle

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



51.0547, 50.5857, 46.6083



47.5629, 50.5857, 43.8038



45.2235, 50.5857, 64.5190



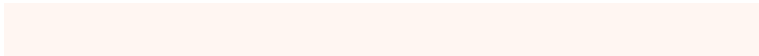
48.6012, 50.5857, 68.1404

# Sweetspot

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



51.0561, 50.5880, 46.6094



90.1683, 93.4133, 97.4796



51.9635, 47.7659, 61.2069



19.1576, 19.8020, 20.5341



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.



51.0561, 50.5880, 46.6094



76.3732, 74.5733, 65.9051



55.0940, 58.6639, 47.9554



12.0651, 12.3209, 12.3543



17.1701, 10.2732, 1.0780



1.0265, 0.7074, 0.0824

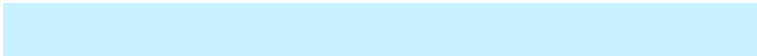


# Inverse Universe

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



49.5205, 54.8449, 68.9495



73.5724, 82.3277, 106.6209



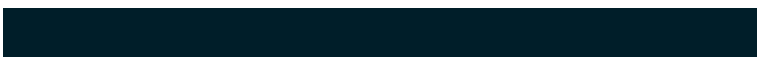
45.5201, 46.8440, 67.6160



11.8768, 12.8438, 15.0968



14.1536, 16.9539, 39.7189



0.8552, 1.0756, 2.2421



# Previews

## White Background



This preview shows how the XYZ color 51.0547, 50.5857, 46.6083 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

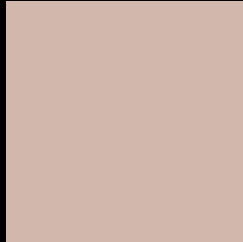
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 51.0547, 50.5857, 46.6083 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

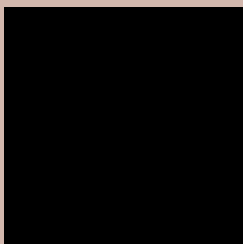
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

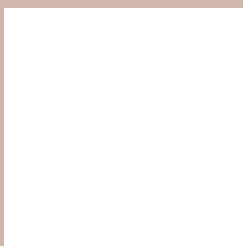
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 51.0547, 50.5857, 46.6083**

## **Background**



This preview shows how black text looks on a background with the XYZ color 51.0547, 50.5857, 46.6083.



This preview shows how white text looks on a background with the XYZ color 51.0547, 50.5857,



# 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

51.0547, 50.5857, 46.6083

### Protanopia

48.3254, 50.7031, 48.3140

### Deuteranopia

51.7113, 50.6192, 46.5802



## Tritanopia

53.4994, 50.6837, 58.0021

# Trichromacy



## Original Color

51.0547, 50.5857, 46.6083

## Protanomaly

49.1162, 50.4923, 47.7147

## Deuteranomaly

51.4222, 50.4701, 46.5666

## Tritanomaly

52.5382, 50.5900, 53.4502

# Monochromacy



## Original Color

51.0547, 50.5857, 46.6083

## Achromatopsia

48.9429, 51.4918, 56.0745

## Achromatomaly

49.4480, 50.8717, 52.5604

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 51.0547, 50.5857, 46.6083 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(210, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(210, 183, 173)  
}
```

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(210, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 183, 173) }
```

## Border

The CSS property to change the border of an element to XYZ 51.0547, 50.5857, 46.6083 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(210, 183, 173) }
```



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

```
.border{ border-color:rgb(210, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(210, 183,  
173) }
```

# Background

The CSS property to change the background color of an element to XYZ 51.0547, 50.5857, 46.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 183, 173) }
```

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

```
.background{ background-color: rgb(210,  
183, 173) }
```

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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