

# Converting Colors

XYZ(55.7889, 54.6354, 52.0788)

Have a look what the booklet for  
XYZ(55.7889, 54.6354, 52.0788)  
contains.

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# Color

**XYZ(55.8545, 54.8327,  
51.8959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBBDB6
RGB	219, 189, 182
RGB Percent	86%, 74%, 71%
CMY	0.1412, 0.2588, 0.2863
CMYK	0.00, 0.14, 0.17, 0.14
HSL	11°, 34%, 79%
HSV	11°, 17%, 86%
XYZ	55.8545, 54.8327, 51.8959
YIQ	197.1720, 20.1270, 4.1830

# Conversions

## Conversions Part 2

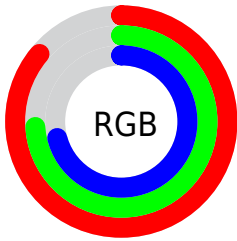
Format	Color
R <sub>Y</sub> B	219, 191, 182
Decimal	14400950
CIE Lab	78.94, 9.56, 7.47
CIE LCh	79, 12.132, 38.014
Yxy	54.8327, 0.3435, 0.3373
Android (android.graphics.Color)	4292591030 (0xFFDBBDB6)
YUV	197.1720, -7.4798, 19.1432
Hunter-Lab	74.0491, 5.0548, 10.2821

# Details

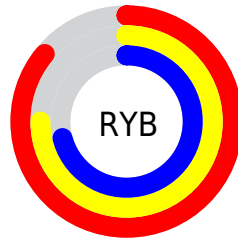
The XYZ color **55.8545, 54.8327, 51.8959** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.6206, 62.1450, 76.0819**, and the grayscale version is **53.2113, 55.9825, 60.9649**.

A 20% lighter version of the original color is **89.3250, 92.7379, 94.0812**, and **28.0764, 27.0858, 24.5172** is the 20% darker color. If you saturate the color by 10%, you get **50.1780, 46.8226, 39.6972**, and if you desaturate by 10%, it is **62.3555, 63.9244, 66.1170**.

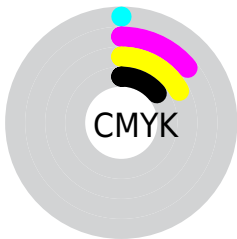
# Distribution



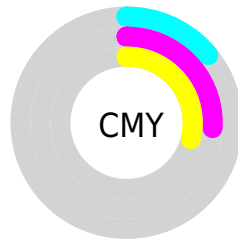
- Red (86%)
- Green (74%)
- Blue (71%)



- Red (86%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8545, 54.8327, 51.8959 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 55.8545, 54.8327, 51.8959 by changing the saturation by 10% instead.




 55.8545, 54.8327,  
51.8959

 55.8545, 54.8327,  
51.8959

399.2269,  
405.2774, 410.9801

 40.3228, 39.2678,  
36.5404


 97.9329, 97.2958,  
94.4027

 27.9757, 26.9681,  
24.5589


125.2102,  
124.9628, 122.3911

 18.4477, 17.5493,  
15.5327

157.1336,  
157.4325, 155.4276

 11.3735, 10.6269,  
9.0433

194.0682,  
195.0895, 193.9308

 6.3878, 5.8165,  
4.6723

236.3795,  
238.3181, 238.3190

 3.1252, 2.7338,  
2.0009

284.4328,

 1.2203, 0.9944,

287.5027, 289.0110

0.5558

338.5935,  
343.0277, 346.4251

■ 0.1223, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 55.8545, 54.8327,  
51.8959

■ 55.8545, 54.8327,  
51.8959

■ 50.1780, 46.8226,  
39.6972

■ 62.3555, 63.9244,  
66.1170

■ 45.2884, 39.8464,  
29.4254

■ 69.7078, 74.1283,  
82.4430

■ 41.1515, 33.8640,  
20.9825

■ 77.9426, 85.4831,  
100.9563

■ 37.7291, 28.8296,  
14.2604

■ 83.0236, 93.8002,  
108.3372

■ 34.9794, 24.6939,  
9.1397

■ 32.8560, 21.4029,  
5.4855

■ 31.3062, 18.8965,  
3.1405

■ 30.2662, 17.1058,  
1.9018

■ 30.0224, 16.6779,  
1.6368

# Harmonies

## Analogous

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



56.8426, 54.8327, 57.8719



55.8545, 54.8327, 51.8959



53.8714, 54.8327, 48.2211

# Triad

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



55.8545, 54.8327, 51.8959



47.9360, 54.8327, 54.8705



52.7657, 54.8327, 73.8364

# Complementary

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



55.8545, 54.8327, 51.8959



55.6206, 62.1450, 76.0819

# 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.



50.4008, 54.8327, 72.8777



55.8545, 54.8327, 51.8959



47.6605, 54.8327, 61.5734

# Square

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



55.8545, 54.8327, 51.8959



49.3141, 54.8327, 49.8440



48.5498, 54.8327, 68.2573



55.0238, 54.8327, 70.7843



# Rectangle

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



55.8545, 54.8327, 51.8959



52.2776, 54.8327, 47.3955



48.5498, 54.8327, 68.2573



51.9564, 54.8327, 73.9766

# Sweetspot

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



55.8560, 54.8352, 51.8971



89.8553, 92.7873, 97.3753



57.8529, 53.2811, 69.6663



19.0818, 19.6503, 20.5088



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.



55.8560, 54.8352, 51.8971



76.0983, 73.5381, 67.3102



60.0390, 63.2011, 53.2914



13.2545, 13.4484, 13.6228



17.8612, 10.0079, 0.9903



1.2165, 0.7671, 0.0840

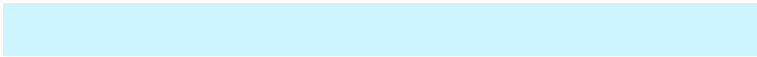


# Inverse Universe

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



55.6206, 62.1450, 76.0819



75.7089, 85.5714, 107.1344



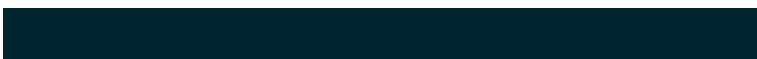
51.3070, 53.5178, 74.6440



13.2245, 14.3887, 16.7324



17.0439, 21.9572, 43.0783



1.1593, 1.5328, 2.8092



# Previews

## White Background



This preview shows how the XYZ color 55.8545, 54.8327, 51.8959 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 55.8545, 54.8327, 51.8959 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

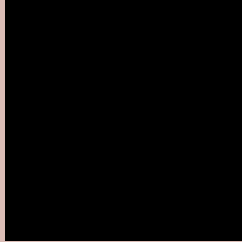
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 55.8545, 54.8327, 51.8959**

## **Background**



This preview shows how black text looks on a background with the XYZ color 55.8545, 54.8327, 51.8959.



This preview shows how white text looks on a background with the XYZ color 55.8545, 54.8327,



# 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

55.8545, 54.8327, 51.8959

### Protanopia

52.6292, 55.0896, 53.7584

### Deuteranopia

56.1563, 54.9882, 51.9100



## Tritanopia

57.9203, 54.7070, 62.7651

# Trichromacy



## Original Color

55.8545, 54.8327, 51.8959

## Protanomaly

53.7341, 55.0105, 53.1334

## Deuteranomaly

56.1563, 54.9882, 51.9100

## Tritanomaly

57.0231, 54.6513, 58.5823

# Monochromacy



## Original Color

55.8545, 54.8327, 51.8959

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

53.9831, 55.3685, 57.7111

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.8545, 54.8327, 51.8959 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(219, 189, 182) looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 182)  
}
```

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(219, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 55.8545, 54.8327, 51.8959 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(219, 189, 182) }
```



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

```
.border{ border-color:rgb(219, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.8545, 54.8327, 51.8959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 182) }
```

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

```
.background{ background-color: rgb(219,  
189, 182) }
```

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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