

# Converting Colors

XYZ(53.9232, 57.4741, 54.4036)

Have a look what the booklet for  
XYZ(53.9232, 57.4741, 54.4036)  
contains.

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# Color

**XYZ(53.7684, 57.3679,  
54.1382)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAC8B9
RGB	202, 200, 185
RGB Percent	79%, 78%, 73%
CMY	0.2078, 0.2157, 0.2745
CMYK	0.00, 0.01, 0.08, 0.21
HSL	53°, 14%, 76%
HSV	53°, 8%, 79%
XYZ	53.7684, 57.3679, 54.1382
YIQ	198.8880, 6.0070, -4.2410

# Conversions

## Conversions Part 2

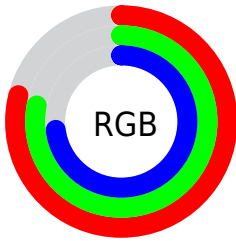
Format	Color
<a href="#">RYB</a>	<a href="#">187, 202, 185</a>
Decimal	<a href="#">13289657</a>
CIELab	<a href="#">80.39, -1.93, 7.74</a>
CIELCh	<a href="#">80, 7.976, 104.035</a>
Yxy	<a href="#">57.3679, 0.3253, 0.3471</a>
Android (android.graphics.Color)	<a href="#">4291479737</a> ( <a href="#">0xFFCAC8B9</a> )
YUV	<a href="#">198.8880, -6.8468, 2.7292</a>
Hunter-Lab	<a href="#">75.7416, -5.8320, 10.6401</a>

# Details

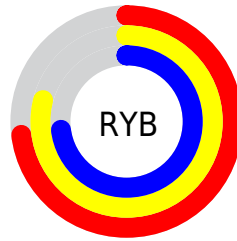
The XYZ color **53.7684, 57.3679, 54.1382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4386, 50.1185, 62.9987**, and the grayscale version is **54.2569, 57.0825, 62.1629**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **26.6565, 28.5196, 25.9297** is the 20% darker color. If you saturate the color by 10%, you get **51.2412, 55.4866, 43.5119**, and if you desaturate by 10%, it is **56.6103, 59.3924, 66.3655**.

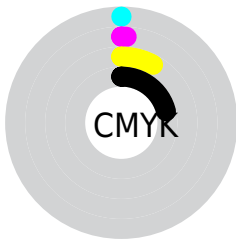
# Distribution



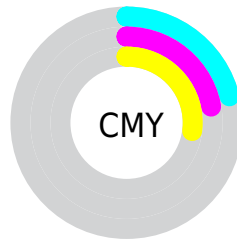
- Red (79%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7684, 57.3679, 54.1382 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 53.7684, 57.3679, 54.1382 by changing the saturation by 10% instead.



■ 53.7684, 57.3679,  
54.1382

■ 53.7684, 57.3679,  
54.1382

391.4390,  
414.8264, 419.8263

■ 38.6465, 41.3007,  
38.3182

■ 94.8930, 101.0018,  
97.7356

■ 26.6643, 28.5541,  
25.9260

121.6264,  
129.3373, 126.3501

■ 17.4565, 18.7438,  
16.5430

152.9609,  
162.5310, 160.0665

■ 10.6578, 11.4853,  
9.7507

189.2620,  
200.9673, 199.3034

■ 5.9028, 6.3942,  
5.1306

230.8950,  
245.0306, 244.4792

■ 2.8262, 3.0863,  
2.2640

278.2253,

■ 1.0625, 1.1769,

295.1053, 296.0127

0.7109

331.6182,  
351.5758, 354.3222

■ 0.0000, 0.0427,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 53.7684, 57.3679,  
54.1382

■ 53.7684, 57.3679,  
54.1382

■ 51.2412, 55.4866,  
43.5119

■ 56.6103, 59.3924,  
66.3655

■ 49.0112, 53.7360,  
34.4161

■ 59.7743, 61.5576,  
80.2533

■ 47.0663, 52.1129,  
26.7802

■ 63.2731, 63.8705,  
95.8622

■ 45.3919, 50.6115,  
20.5269

■ 65.3291, 65.6200,  
103.8305

■ 43.9719, 49.2251,  
15.5716

■ 65.9172, 66.7963,  
104.0265

■ 42.7882, 47.9467,  
11.8203

■ 66.5141, 67.9900,  
104.2255

■ 41.8208, 46.7681,  
9.1667

■ 67.1197, 69.2012,  
104.4273

■ 41.0458, 45.6796,  
7.4855

■ 67.7341, 70.4300,  
104.6321

■ 40.4263, 44.6664,  
6.5827

■ 68.3573, 71.6764,  
104.8399

# Harmonies

## Analogous

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



55.3948, 57.3679, 54.2095



53.7684, 57.3679, 54.1382



52.3725, 57.3679, 56.2184

# Triad

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



53.7684, 57.3679, 54.1382



52.2997, 57.3679, 68.9266



57.6019, 57.3679, 64.9706

# Complementary

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



53.7684, 57.3679, 54.1382



48.4386, 50.1185, 62.9987

# 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.



56.7387, 57.3679, 69.1556



53.7684, 57.3679, 54.1382



53.6672, 57.3679, 71.5163

# Square

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



53.7684, 57.3679, 54.1382



51.5361, 57.3679, 64.6706



55.2916, 57.3679, 71.6022



57.6303, 57.3679, 60.3080



# Rectangle

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



53.7684, 57.3679, 54.1382



51.7514, 57.3679, 58.6082



55.2916, 57.3679, 71.6022



57.3990, 57.3679, 66.4851

# Sweetspot

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



53.7700, 57.3704, 54.1394



93.5567, 98.9452, 102.4465



50.7051, 50.8547, 54.3079



19.9414, 21.1188, 21.5679



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.



53.7700, 57.3704, 54.1394



90.2650, 96.5694, 88.3776



52.5826, 57.4491, 54.2172



12.0370, 12.8630, 11.9278



25.9966, 28.7262, 4.1745



1.3737, 1.5471, 0.2262



# Inverse Universe

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



48.4386, 50.1185, 62.9987



79.5189, 81.9523, 106.2350



49.5551, 50.0697, 62.9304



10.7061, 11.0526, 14.1395



7.1008, 3.2256, 36.2046

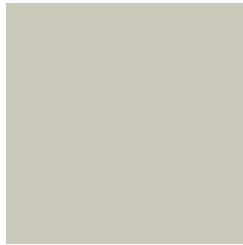


0.4027, 0.2391, 1.8799



# Previews

## White Background



This preview shows how the XYZ color 53.7684, 57.3679, 54.1382 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

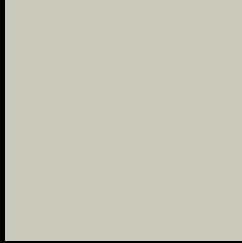
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.7684, 57.3679, 54.1382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

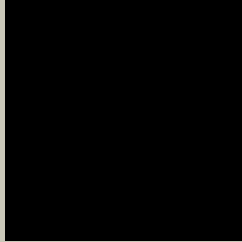
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

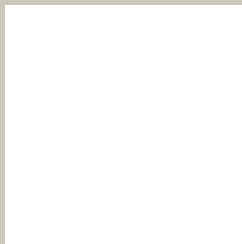
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.7684, 57.3679, 54.1382**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.7684, 57.3679, 54.1382.



This preview shows how white text looks on a background with the XYZ color 53.7684, 57.3679,



# 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

53.7684, 57.3679, 54.1382

### Protanopia

54.5288, 57.4294, 53.5584

### Deuteranopia

58.1440, 56.9324, 54.3789



## Tritanopia

57.0772, 57.3551, 70.3497

# Trichromacy



## Original Color

53.7684, 57.3679, 54.1382

## Protanomaly

54.2520, 57.2867, 53.5454

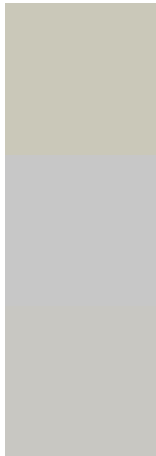
## Deuteranomaly

56.4024, 57.0225, 54.4881

## Tritanomaly

55.8038, 57.1759, 63.9720

# Monochromacy



## Original Color

53.7684, 57.3679, 54.1382

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

53.9804, 57.0212, 59.2001

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.7684, 57.3679, 54.1382 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(202, 200, 185) looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 185)  
}
```

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(202, 200, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 53.7684, 57.3679, 54.1382 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(202, 200, 185) }
```



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

```
.border{ border-color:rgb(202, 200, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 185);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.7684, 57.3679, 54.1382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 185) }
```

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

```
.background{ background-color: rgb(202,  
200, 185) }
```

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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