

# Converting Colors

XYZ(54.1336, 57.9189, 55.5359)

Have a look what the booklet for  
XYZ(54.1336, 57.9189, 55.5359)  
contains.

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# Color

**XYZ(53.9437, 57.7787,  
55.3230)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9C9BB
RGB	201, 201, 187
RGB Percent	79%, 79%, 73%
CMY	0.2118, 0.2117, 0.2667
CMYK	0.00, 0.00, 0.07, 0.21
HSL	60°, 11%, 76%
HSV	60°, 7%, 79%
XYZ	53.9437, 57.7787, 55.3230
YIQ	199.4040, 4.4940, -4.3540

# Conversions

## Conversions Part 2

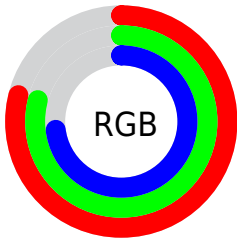
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 201, 187
Decimal	13224379
CIELab	80.62, -2.47, 6.99
CIELCh	81, 7.412, 109.505
Yxy	57.7787, 0.3229, 0.3459
Android (android.graphics.Color)	4291414459 (0xFFC9C9BB)
YUV	199.4040, -6.1152, 1.3997
Hunter-Lab	76.0123, -6.3453, 10.0564

# Details

The XYZ color **53.9437, 57.7787, 55.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8088, 50.3241, 62.4025**, and the grayscale version is **54.5693, 57.4111, 62.5207**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **26.7694, 28.7917, 26.7007** is the 20% darker color. If you saturate the color by 10%, you get **51.9398, 56.9788, 44.7718**, and if you desaturate by 10%, it is **56.2520, 58.7041, 67.4631**.

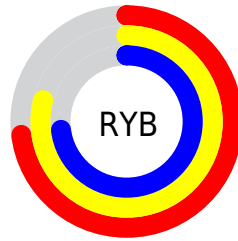
# Distribution



Red (79%)

Green (79%)

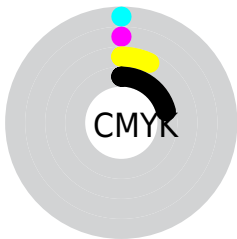
Blue (73%)



Red (73%)

Yellow (79%)

Blue (73%)

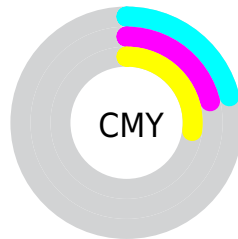


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9437, 57.7787, 55.3230 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 53.9437, 57.7787, 55.3230 by changing the saturation by 10% instead.



■ 53.9437, 57.7787,  
55.3230

■ 53.9437, 57.7787,  
55.3230

392.0971,  
416.3608, 424.4516

■ 38.7871, 41.6308,  
39.2600

■ 95.1490, 101.6005,  
99.4899

■ 26.7742, 28.8123,  
26.6527

121.9284,  
130.0432, 128.4310

■ 17.5394, 18.9389,  
17.0824

153.3128,  
163.3529, 162.5018

■ 10.7175, 11.6261,  
10.1307

189.6675,  
201.9141, 202.1210

■ 5.9431, 6.4896,  
5.3790

231.3580,  
246.1110, 247.7070

■ 2.8508, 3.1450,  
2.4087

278.7495,

■ 1.0754, 1.2079,

296.3282, 299.6784

0.7912

332.2074,  
352.9500, 358.4537

■ 0.0044, 0.0682,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 53.9437, 57.7787,  
55.3230

■ 53.9437, 57.7787,  
55.3230

■ 51.9398, 56.9788,  
44.7718

■ 56.2520, 58.7041,  
67.4631

■ 50.2232, 56.2920,  
35.7402

■ 58.8717, 59.7522,  
81.2502

■ 48.7820, 55.7154,  
28.1594

■ 61.8155, 60.9298,  
96.7437

■ 47.6020, 55.2432,  
21.9538

■ 63.0318, 61.4165,  
103.1402

■ 46.6675, 54.8692,  
17.0411

■ 63.0333, 61.4173,  
103.1403

■ 45.9612, 54.5865,  
13.3299

■ 63.0349, 61.4181,  
103.1403

■ 45.4635, 54.3872,  
10.7173

■ 63.0365, 61.4190,  
103.1404

■ 45.1516, 54.2623,  
9.0828

■ 63.0380, 61.4198,  
103.1405

■ 44.9948, 54.1994,  
8.2651

■ 63.0396, 61.4206,  
103.1406

# Harmonies

## Analogous

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



55.4527, 57.7787, 55.0102



53.9437, 57.7787, 55.3230



52.7172, 57.7787, 57.6141

# Triad

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



53.9437, 57.7787, 55.3230



53.0348, 57.7787, 69.5157



57.8508, 57.7787, 64.4532

# Complementary

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



53.9437, 57.7787, 55.3230



48.8088, 50.3241, 62.4025

# 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.



57.1770, 57.7787, 68.5234



53.9437, 57.7787, 55.3230



54.3846, 57.7787, 71.5347

# Square

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



53.9437, 57.7787, 55.3230



52.1992, 57.7787, 65.7569



55.9018, 57.7787, 71.1633



57.7274, 57.7787, 60.1488



# Rectangle

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



53.9437, 57.7787, 55.3230



52.2159, 57.7787, 60.0166



55.9018, 57.7787, 71.1633



57.7095, 57.7787, 65.8973

# Sweetspot

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



53.9453, 57.7812, 55.3242



94.2391, 99.6756, 104.6327



50.8292, 51.5474, 54.2852



20.1795, 21.3381, 22.4404



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.



53.9453, 57.7812, 55.3242



91.9355, 98.7539, 92.5105



52.1066, 56.8333, 55.2382



11.5236, 12.4169, 11.3521



28.2683, 34.0681, 5.0859



1.3386, 1.6132, 0.2408



# Inverse Universe

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



48.8088, 50.3241, 62.4025



81.7749, 84.0030, 106.5119



50.5628, 51.2284, 62.4846



10.0570, 10.2876, 13.3731



6.6294, 2.6518, 34.9068



0.3140, 0.1256, 1.6528



# Previews

## White Background



This preview shows how the XYZ color 53.9437, 57.7787, 55.3230 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

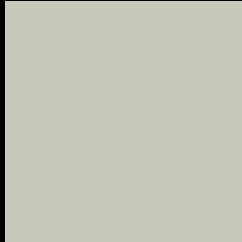
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.9437, 57.7787, 55.3230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

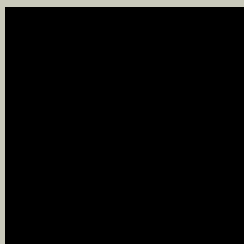
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

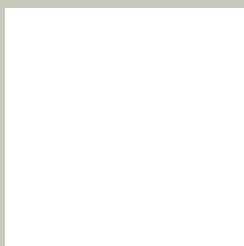
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.9437, 57.7787, 55.3230**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.9437, 57.7787, 55.3230.



This preview shows how white text looks on a background with the XYZ color 53.9437, 57.7787,



# 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

53.9437, 57.7787, 55.3230

### Protanopia

55.0185, 57.6574, 54.6836

### Deuteranopia

58.9957, 57.6613, 56.1645



## Tritanopia

57.1533, 57.7157, 71.0787

# Trichromacy



## Original Color

53.9437, 57.7787, 55.3230

## Protanomaly

54.6940, 57.8329, 54.7345

## Deuteranomaly

57.1359, 57.7096, 55.7046

## Tritanomaly

55.9950, 57.5852, 65.2905

# Monochromacy



## Original Color

53.9437, 57.7787, 55.3230

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

54.3240, 57.5280, 59.8706

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.9437, 57.7787, 55.3230 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(201, 201, 187) looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 187)  
}
```

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(201, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 187) }
```

## Border

The CSS property to change the border of an element to XYZ 53.9437, 57.7787, 55.3230 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(201, 201, 187) }
```



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

```
.border{ border-color:rgb(201, 201, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 201, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 201, 187); box-shadow:4px 4px 4px 4px rgb(201, 201, 187) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.9437, 57.7787, 55.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 187) }
```

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

```
.background{ background-color: rgb(201,  
201, 187) }
```

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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