

# Converting Colors

XYZ(53.0689, 57.6683, 54.1579)

Have a look what the booklet for  
XYZ(53.0689, 57.6683, 54.1579)  
contains.

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# Color

**XYZ(53.1662, 57.7496,  
54.2436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6CAB9
RGB	198, 202, 185
RGB Percent	78%, 79%, 73%
CMY	0.2235, 0.2078, 0.2745
CMYK	0.02, 0.00, 0.08, 0.21
HSL	74°, 14%, 76%
HSV	74°, 8%, 79%
XYZ	53.1662, 57.7496, 54.2436
YIQ	198.8660, 3.0730, -6.1350

# Conversions

## Conversions Part 2

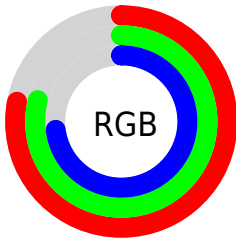
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 202, 189
Decimal	13028025
CIE <sub>Lab</sub>	80.60, -4.40, 8.00
CIE <sub>LCh</sub>	81, 9.135, 118.820
Yxy	57.7496, 0.3219, 0.3497
Android (android.graphics.Color)	4291218105 (0xFFC6CAB9)
YUV	198.8660, -6.8359, -0.7595
Hunter-Lab	75.9932, -8.1062, 10.8743

# Details

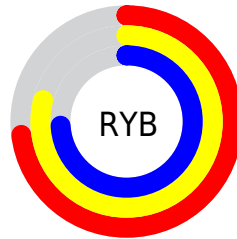
The XYZ color **53.1662, 57.7496, 54.2436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9981, 49.7826, 62.9067**, and the grayscale version is **54.2447, 57.0696, 62.1488**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **26.2564, 28.7750, 26.0001** is the 20% darker color. If you saturate the color by 10%, you get **49.9498, 56.3223, 43.7411**, and if you desaturate by 10%, it is **56.7282, 59.3234, 66.3462**.

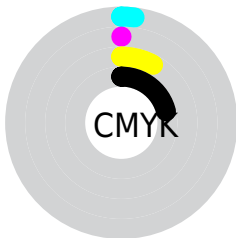
# Distribution



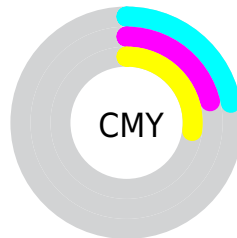
- Red (78%)
- Green (79%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1662, 57.7496, 54.2436 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 53.1662, 57.7496, 54.2436 by changing the saturation by 10% instead.



■ 53.1662, 57.7496,  
54.2436

■ 53.1662, 57.7496,  
54.2436

389.1729,  
416.2522, 420.2391

■ 38.1635, 41.6074,  
38.4019

■ 94.0130, 101.5581,  
97.8918

■ 26.2874, 28.7940,  
25.9906

120.5877,  
129.9932, 126.5355

■ 17.1726, 18.9250,  
16.5909

151.7505,  
163.2947, 160.2836

■ 10.4537, 11.6161,  
9.7844

187.8668,  
201.8470, 199.5546

■ 5.7653, 6.4829,  
5.1525

229.3018,  
246.0346, 244.7671

■ 2.7422, 3.1408,  
2.2767

276.4209,

■ 1.0190, 1.2057,

296.2417, 296.3397

0.7181

329.5894,  
352.8528, 354.6908

■ 0.0000, 0.0664,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 53.1662, 57.7496,  
54.2436

■ 53.1662, 57.7496,  
54.2436

■ 49.9498, 56.3223,  
43.7411

■ 56.7282, 59.3234,  
66.3462

■ 47.0612, 55.0288,  
34.7681

■ 60.6434, 61.0412,  
80.1083

■ 44.4880, 53.8659,  
27.2541

■ 64.9249, 62.9102,  
95.5906

■ 42.2150, 52.8276,  
21.1217

■ 67.7952, 64.2193,  
103.4301

■ 40.2260, 51.9071,  
16.2863

■ 69.2298, 64.9589,  
103.4973

■ 38.5027, 51.0973,  
12.6540

■ 70.7056, 65.7197,  
103.5663

■ 37.0245, 50.3899,  
10.1183

■ 72.2228, 66.5018,  
103.6373

■ 35.7672, 49.7750,  
8.5541

■ 73.7817, 67.3055,  
103.7103

■ 34.6935, 49.2379,  
7.7671

■ 75.3827, 68.1308,  
103.7852

# Harmonies

## Analogous

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



54.9637, 57.7496, 53.0926



53.1662, 57.7496, 54.2436



51.8563, 57.7496, 57.6737

# Triad

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



53.1662, 57.7496, 54.2436



53.0401, 57.7496, 72.1527



58.5808, 57.7496, 63.0929

# Complementary

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



53.1662, 57.7496, 54.2436



48.9981, 49.7826, 62.9067

# 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.



58.0383, 57.7496, 68.3895



53.1662, 57.7496, 54.2436



54.8149, 57.7496, 73.8008

# Square

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



53.1662, 57.7496, 54.2436



51.7846, 57.7496, 67.9998



56.6492, 57.7496, 72.3865



58.1155, 57.7496, 58.0229



# Rectangle

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



53.1662, 57.7496, 54.2436



51.4211, 57.7496, 60.8947



56.6492, 57.7496, 72.3865



58.5100, 57.7496, 64.9070

# Sweetspot

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



53.1678, 57.7521, 54.2448



93.1830, 99.1770, 102.5109



51.3065, 52.4420, 53.3180



19.8402, 21.1817, 21.5854



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.



53.1678, 57.7521, 54.2448



89.0381, 97.3440, 88.5918



50.9982, 56.6337, 54.1433



11.8856, 12.9584, 11.9542



22.3017, 31.6722, 4.9379



1.2147, 1.6670, 0.2577



# Inverse Universe

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



48.9981, 49.7826, 62.9067



80.6356, 81.2839, 106.0471



51.1599, 50.8970, 63.0078



10.8449, 10.9694, 14.1161



7.6978, 3.1759, 36.1636

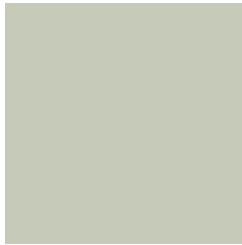


0.4666, 0.1997, 1.8689



# Previews

## White Background



This preview shows how the XYZ color 53.1662, 57.7496, 54.2436 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 53.1662, 57.7496, 54.2436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

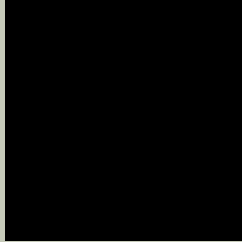
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

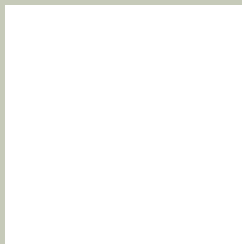
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.1662, 57.7496, 54.2436**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.1662, 57.7496, 54.2436.



This preview shows how white text looks on a background with the XYZ color 53.1662, 57.7496,



# 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

53.1662, 57.7496, 54.2436

### Protanopia

54.7028, 57.5311, 53.0212

### Deuteranopia

58.7801, 57.5751, 55.0288



## Tritanopia

56.5614, 57.7488, 71.1163

# Trichromacy



## Original Color

53.1662, 57.7496, 54.2436

## Protanomaly

54.2078, 57.6066, 53.6095

## Deuteranomaly

56.6272, 57.4721, 54.5630

## Tritanomaly

55.2903, 57.5762, 64.6991

# Monochromacy



## Original Color

53.1662, 57.7496, 54.2436

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

53.9451, 57.3457, 59.2646

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.1662, 57.7496, 54.2436 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(198, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 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(198, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 53.1662, 57.7496, 54.2436 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(198, 202, 185) }
```



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

```
.border{ border-color:rgb(198, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 202, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 202, 185); box-shadow:4px 4px 4px 4px rgb(198, 202, 185) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.1662, 57.7496, 54.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 185) }
```

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

```
.background{ background-color: rgb(198,  
202, 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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