

# Converting Colors

XYZ(54.5309, 63.7257, 61.7163)

Have a look what the booklet for  
XYZ(54.5309, 63.7257, 61.7163)  
contains.

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# **Color**

**XYZ(54.5438, 63.8016,  
61.6647)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8D9C4
RGB	184, 217, 196
RGB Percent	72%, 85%, 77%
CMY	0.2784, 0.1490, 0.2314
CMYK	0.15, 0.00, 0.10, 0.15
HSL	142°, 30%, 79%
HSV	142°, 15%, 85%
XYZ	54.5438, 63.8016, 61.6647
YIQ	204.7390, -12.9270, -13.5270

# Conversions

## Conversions Part 2

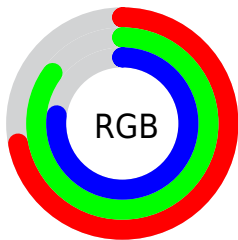
Format	Color
<b>RYB</b>	184, 208, 217
Decimal	12114372
CIELab	83.86, -14.94, 6.71
CIELCh	84, 16.376, 155.828
Yxy	63.8016, 0.3030, 0.3544
Android (android.graphics.Color)	4290304452 (0xFFB8D9C4)
YUV	204.7390, -4.3083, -18.1881
Hunter-Lab	79.8759, -17.8929, 10.1409

# Details

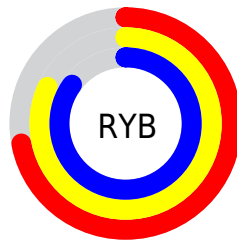
The XYZ color **54.5438, 63.8016, 61.6647** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.7775, 53.4420, 65.0833**, and the grayscale version is **57.8963, 60.9115, 66.3326**.

A 20% lighter version of the original color is **89.4248, 97.1371, 106.9647**, and **27.1629, 32.6189, 30.4556** is the 20% darker color. If you saturate the color by 10%, you get **48.2389, 60.7264, 53.5387**, and if you desaturate by 10%, it is **61.7944, 67.3511, 70.5930**.

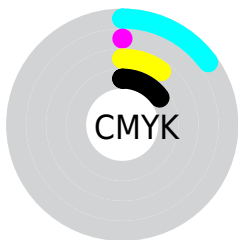
# Distribution



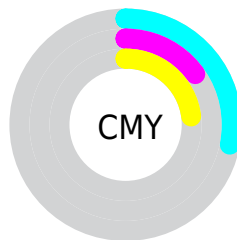
- Red (72%)
- Green (85%)
- Blue (77%)



- Red (72%)
- Yellow (82%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5438, 63.8016, 61.6647 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 54.5438, 63.8016, 61.6647 by changing the saturation by 10% instead.



■ 54.5438, 63.8016,  
61.6647

■ 54.5438, 63.8016,  
61.6647

394.3449,  
438.4728, 448.6808

■ 39.2690, 46.4900,  
44.3278

■ 96.0245, 110.3252,  
108.8077

■ 27.1507, 32.6327,  
30.5892

122.9610,  
140.3059, 139.4508

■ 17.8236, 21.8452,  
20.0304

154.5155,  
175.2785, 175.3664

■ 10.9223, 13.7432,  
12.2328

191.0533,  
215.6273, 216.9731

■ 6.0815, 7.9423,  
6.7780

232.9398,  
261.7368, 264.6893

■ 2.9359, 4.0580,  
3.2473

280.5404,

■ 1.1199, 1.7061,

313.9912, 318.9337

1.2223

334.2203,  
372.7751, 380.1246

■ 0.0417, 0.4276,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.5438, 63.8016,  
61.6647

■ 54.5438, 63.8016,  
61.6647

■ 48.2389, 60.7264,  
53.5387

■ 61.7944, 67.3511,  
70.5930

■ 42.8343, 58.0973,  
46.1887

■ 70.0230, 71.3859,  
80.3406

■ 38.2886, 55.8952,  
39.5928

■ 79.2669, 75.9265,  
90.9294

■ 34.5551, 54.0965,  
33.7267

■ 83.5048, 77.8685,  
102.0957

■ 31.5825, 52.6753,  
28.5648

■ 84.1041, 78.1082,  
105.2514

■ 29.3132, 51.6023,  
24.0798

■ 27.6808, 50.8440,  
20.2425

■ 26.6047, 50.3595,  
17.0214

■ 26.2219, 50.1913,  
15.6847

# Harmonies

## Analogous

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



56.6797, 63.8016, 54.6056



54.5438, 63.8016, 61.6647



54.0134, 63.8016, 71.5015

# Triad

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



54.5438, 63.8016, 61.6647



61.3471, 63.8016, 91.1129



66.4279, 63.8016, 58.5003

# Complementary

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



54.5438, 63.8016, 61.6647



56.7775, 53.4420, 65.0833

# 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.



67.7908, 63.8016, 67.4756



54.5438, 63.8016, 61.6647



64.7838, 63.8016, 86.8111

# Square

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



54.5438, 63.8016, 61.6647



57.8514, 63.8016, 89.1674



67.1775, 63.8016, 77.9057



63.5199, 63.8016, 52.9091



# Rectangle

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



54.5438, 63.8016, 61.6647



54.6227, 63.8016, 78.4678



67.1775, 63.8016, 77.9057



67.0870, 63.8016, 61.1861

# Sweetspot

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



54.5456, 63.8043, 61.6661



89.2347, 97.1499, 101.9521



58.7681, 66.1327, 55.0156



18.9312, 20.7114, 21.6181



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

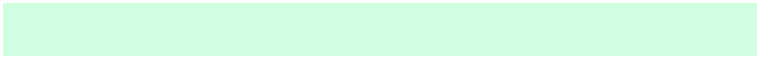


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.5456, 63.8043, 61.6661



75.7814, 90.5693, 85.2877



56.4721, 64.5749, 71.8111



13.0812, 14.6841, 14.8907



15.9190, 30.4002, 9.7387



1.0719, 1.9857, 0.8444



# Inverse Universe

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



56.7775, 53.4420, 65.0833



79.5433, 73.1013, 91.0459



54.9376, 52.7060, 55.3945



13.4030, 13.1903, 15.3835



20.1558, 10.0634, 15.7323

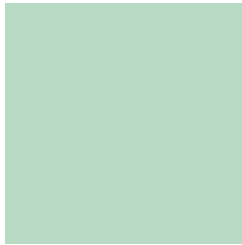


1.3466, 0.6683, 1.2341



# Previews

## White Background



This preview shows how the XYZ color 54.5438, 63.8016, 61.6647 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

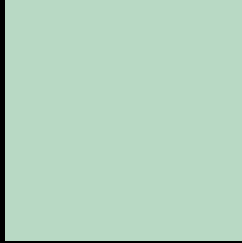
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.5438, 63.8016, 61.6647 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

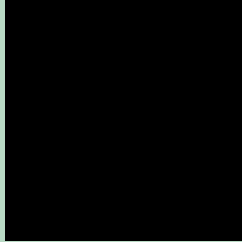
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.5438, 63.8016, 61.6647

## Background



This preview shows how black text looks on a background with the XYZ color 54.5438, 63.8016, 61.6647.



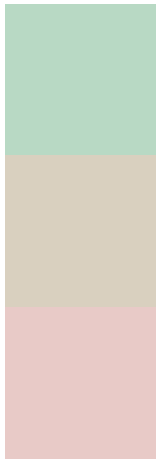
This preview shows how white text looks on a background with the XYZ color 54.5438, 63.8016,



# 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

54.5438, 63.8016, 61.6647

### Protanopia

60.5751, 63.6251, 58.3784

### Deuteranopia

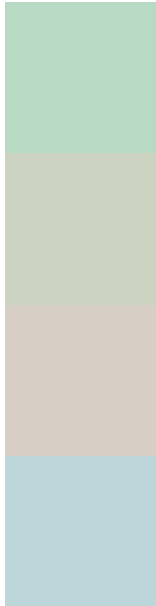
64.7080, 63.5204, 62.8830



## Tritanopia

58.9215, 63.6913, 83.3169

# Trichromacy



## Original Color

54.5438, 63.8016, 61.6647

## Protanomaly

58.0967, 63.4179, 59.6309

## Deuteranomaly

60.5302, 63.1499, 62.4250

## Tritanomaly

57.3100, 63.7943, 74.9386

# Monochromacy



## Original Color

54.5438, 63.8016, 61.6647

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

56.4871, 61.7355, 64.8161

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.5438, 63.8016, 61.6647 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(184, 217, 196)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 196)  
}
```

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(184, 217, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 196) }
```

## Border

The CSS property to change the border of an element to XYZ 54.5438, 63.8016, 61.6647 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(184, 217, 196) }
```



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

```
.border{ border-color:rgb(184, 217, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 217, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 196);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
196) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.5438, 63.8016, 61.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 196) }
```

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

```
.background{ background-color: rgb(184,  
217, 196) }
```

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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