

# Converting Colors

XYZ(54.7949, 61.7610, 43.3226)

Have a look what the booklet for  
XYZ(54.7949, 61.7610, 43.3226)  
contains.

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# Color

**XYZ(54.7450, 61.6810,  
43.2027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDD2A2
RGB	205, 210, 162
RGB Percent	80%, 82%, 64%
CMY	0.1961, 0.1764, 0.3647
CMYK	0.02, 0.00, 0.23, 0.18
HSL	66°, 35%, 73%
HSV	66°, 23%, 82%
XYZ	54.7450, 61.6810, 43.2027
YIQ	203.0330, 12.4280, -15.9880

# Conversions

## Conversions Part 2

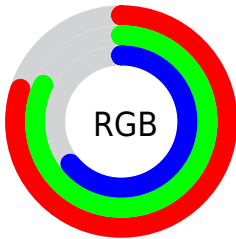
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 210, 167
Decimal	13488802
CIELab	82.74, -9.61, 23.28
CIELCh	83, 25.187, 112.422
Yxy	61.6810, 0.3430, 0.3864
Android (android.graphics.Color)	4291678882 (0xFFCDD2A2)
YUV	203.0330, -20.2293, 1.7251
Hunter-Lab	78.5373, -13.0154, 22.3611

# Details

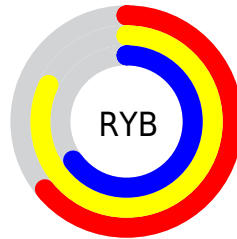
The XYZ color **54.7450, 61.6810, 43.2027** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4920, 38.7110, 66.3141**, and the grayscale version is **56.9044, 59.8679, 65.1961**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **27.2806, 31.3868, 19.3723** is the 20% darker color. If you saturate the color by 10%, you get **52.4328, 60.6889, 34.1505**, and if you desaturate by 10%, it is **57.3807, 62.8076, 53.8999**.

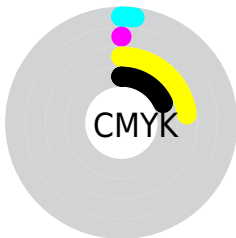
# Distribution



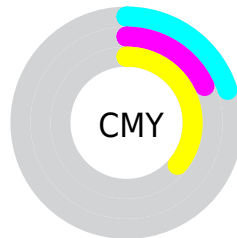
- Red (80%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7450, 61.6810, 43.2027 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 54.7450, 61.6810, 43.2027 by changing the saturation by 10% instead.



■ 54.7450, 61.6810,  
43.2027

■ 54.7450, 61.6810,  
43.2027

395.0967,  
430.7665, 375.3904

■ 39.4306, 44.7750,  
29.7116

■ 96.3177, 107.2644,  
81.3063

■ 27.2771, 31.2802,  
19.3696

■ 123.3068,  
136.7105, 106.7559

■ 17.9191, 20.8123,  
11.7581

154.9182,  
171.1055, 137.0287

■ 10.9913, 12.9869,  
6.4587

191.5172,  
210.8336, 172.5433

■ 6.1282, 7.4195,  
3.0527

233.4692,  
256.2794, 213.7182

■ 2.9646, 3.7258,  
1.1216

281.1396,

■ 1.1351, 1.5214,

307.8273, 260.9720

0.0000

334.8936,  
365.8615, 314.7232

■ 0.0542, 0.3037,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.7450, 61.6810,  
43.2027

■ 54.7450, 61.6810,  
43.2027

■ 52.4328, 60.6889,  
34.1505

■ 57.3807, 62.8076,  
53.8999

■ 50.4238, 59.8170,  
26.6578

■ 60.3494, 64.0664,  
66.3139

■ 48.7027, 59.0612,  
20.6375

■ 63.6664, 65.4654,  
80.5172

■ 47.2510, 58.4141,  
15.9923

■ 67.3443, 67.0098,  
96.5768

■ 46.0479, 57.8675,  
12.6134

■ 69.4016, 67.9069,  
104.0572

■ 45.0698, 57.4117,  
10.3751

■ 70.0527, 68.2426,  
104.0877

■ 44.2877, 57.0354,  
9.1266

■ 70.7124, 68.5827,  
104.1186

■ 43.8138, 56.8011,  
8.6545

■ 71.3809, 68.9273,  
104.1499

■ 72.0580, 69.2764,  
104.1816

# Harmonies

## Analogous

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



60.0092, 61.6810, 41.7343



54.7450, 61.6810, 43.2027



50.7582, 61.6810, 50.5732

# Triad

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



54.7450, 61.6810, 43.2027



52.5051, 61.6810, 93.6612



69.5599, 61.6810, 71.1680

# Complementary

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



54.7450, 61.6810, 43.2027



40.4920, 38.7110, 66.3141

# Split Complementary

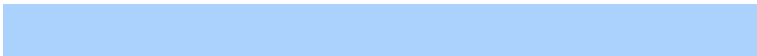
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.2673, 61.6810, 87.0270



54.7450, 61.6810, 43.2027



57.2641, 61.6810, 101.2520

# Square

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



54.7450, 61.6810, 43.2027



49.5216, 61.6810, 79.1832



62.6861, 61.6810, 98.6539



68.7828, 61.6810, 56.4202



# Rectangle

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



54.7450, 61.6810, 43.2027



49.2532, 61.6810, 58.5545



62.6861, 61.6810, 98.6539



69.1181, 61.6810, 76.5701

# Sweetspot

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



54.7466, 61.6837, 43.2040



91.6266, 98.5519, 94.4289



46.8842, 43.8762, 40.1812



19.5514, 21.0685, 19.9584



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.



54.7466, 61.6837, 43.2040



83.2870, 94.9954, 60.4843



48.6735, 58.5529, 42.9198



12.6769, 13.7324, 12.5945



26.7746, 34.6718, 5.2812



1.5328, 1.9570, 0.2970



# Inverse Universe

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



40.4920, 38.7110, 66.3141



57.7167, 53.7818, 101.9467



45.9908, 41.5457, 66.5714



11.2765, 11.4758, 14.8644



7.3370, 2.9626, 37.3776



0.4500, 0.1862, 2.0918



# Previews

## White Background



This preview shows how the XYZ color 54.7450, 61.6810, 43.2027 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 54.7450, 61.6810, 43.2027 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

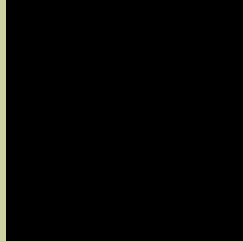
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

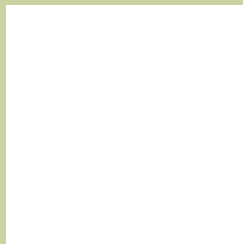
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.7450, 61.6810, 43.2027**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.7450, 61.6810, 43.2027.



This preview shows how white text looks on a background with the XYZ color 54.7450, 61.6810,



# 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

54.7450, 61.6810, 43.2027

### Protanopia

57.3899, 61.2608, 42.0574

### Deuteranopia

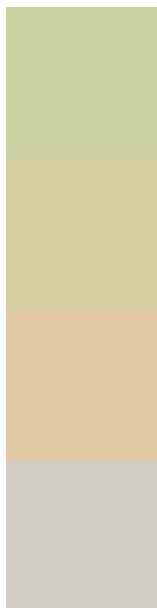
62.9208, 61.6300, 44.1768



## Tritanopia

61.2160, 61.4491, 74.9641

# Trichromacy



## Original Color

54.7450, 61.6810, 43.2027

## Protanomaly

56.4774, 61.4950, 42.6113

## Deuteranomaly

59.4999, 61.2523, 43.8088

## Tritanomaly

58.6027, 61.4415, 62.1968

# Monochromacy



## Original Color

54.7450, 61.6810, 43.2027

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

56.0502, 60.6108, 56.3218

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.7450, 61.6810, 43.2027 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(205, 210, 162)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 162)  
}
```

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(205, 210, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 162) }
```

## Border

The CSS property to change the border of an element to XYZ 54.7450, 61.6810, 43.2027 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(205, 210, 162) }
```



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

```
.border{ border-color:rgb(205, 210, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 162);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
162) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.7450, 61.6810, 43.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 162) }
```

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

```
.background{ background-color: rgb(205,  
210, 162) }
```

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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