

# Converting Colors

XYZ(54.8291, 63.6261, 41.7390)

Have a look what the booklet for  
XYZ(54.8291, 63.6261, 41.7390)  
contains.

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# Color

**XYZ(54.8291, 63.6261,  
41.7390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAD79E
RGB	202, 215, 158
RGB Percent	79%, 84%, 62%
CMY	0.2078, 0.1568, 0.3804
CMYK	0.06, 0.00, 0.27, 0.16
HSL	74°, 42%, 73%
HSV	74°, 27%, 84%
XYZ	54.8291, 63.6261, 41.7390
YIQ	204.6150, 10.5490, -20.4830

# Conversions

## Conversions Part 2

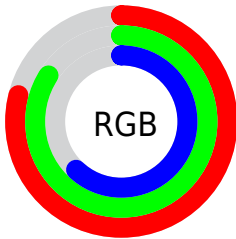
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 215, 171
Decimal	13293470
CIELab	83.77, -13.82, 26.73
CIELCh	84, 30.094, 117.341
Yxy	63.6261, 0.3423, 0.3972
Android (android.graphics.Color)	4291483550 (0xFFCAD79E)
YUV	204.6150, -22.9812, -2.2934
Hunter-Lab	79.7660, -16.8941, 24.8116

# Details

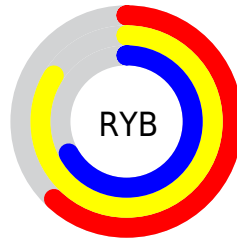
The XYZ color **54.8291, 63.6261, 41.7390** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2898, 38.0197, 69.4559**, and the grayscale version is **57.9218, 60.9382, 66.3617**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **27.2049, 32.3853, 18.4528** is the 20% darker color. If you saturate the color by 10%, you get **51.8323, 62.2786, 32.7690**, and if you desaturate by 10%, it is **58.1952, 65.1305, 52.4190**.

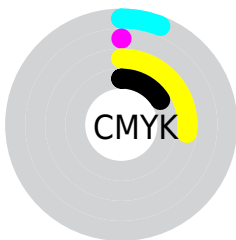
# Distribution



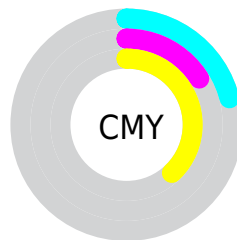
- Red (79%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)




- Cyan (21%)
- Magenta (16%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8291, 63.6261, 41.7390 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 54.8291, 63.6261, 41.7390 by changing the saturation by 10% instead.





 54.8291, 63.6261,  
41.7390


 54.8291, 63.6261,  
41.7390


395.4107,  
437.8382, 369.1675

 39.4982, 46.3479,  
28.5729


 96.4403, 110.0723,  
79.0703

 27.3300, 32.5204,  
18.5152


 123.4513,  
140.0091, 104.0726

 17.9591, 21.7593,  
11.1472


155.0864,  
174.9342, 133.8574

 11.0201, 13.6802,  
6.0505

191.7110,  
215.2320, 168.8432

 6.1478, 7.8986,  
2.8066

233.6903,  
261.2869, 209.4486

 2.9767, 4.0301,  
0.9967

281.3898,

 1.1414, 1.6904,

313.4833, 256.0921

0.0000

335.1749,  
372.2056, 309.1922

0.0594, 0.4174,  
0.0000

0.0000, 0.0000,  
0.0000

54.8291, 63.6261,  
41.7390

54.8291, 63.6261,  
41.7390

51.8323, 62.2786,  
32.7690

58.1952, 65.1305,  
52.4190

49.1827, 61.0727,  
25.4159

61.9417, 66.7898,  
64.8873

46.8630, 60.0036,  
19.5844

66.0852, 68.6128,  
79.2222

44.8526, 59.0628,  
15.1671

70.6399, 70.6054,  
95.4963

■ 43.1280, 58.2411,  
12.0430

■ 73.8812, 72.0776,  
104.6262

■ 41.6619, 57.5275,  
10.0704

■ 75.4464, 72.8845,  
104.6994

■ 40.4198, 56.9080,  
9.0693

■ 77.0559, 73.7143,  
104.7747

■ 40.0178, 56.7055,  
8.8361

■ 78.7102, 74.5671,  
104.8522

■ 80.4097, 75.4432,  
104.9317

# Harmonies

## Analogous

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



61.0656, 63.6261, 38.9347



54.8291, 63.6261, 41.7390



50.4034, 63.6261, 51.4508

# Triad

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



54.8291, 63.6261, 41.7390



53.8790, 63.6261, 104.6194



74.0641, 63.6261, 70.9786

# Complementary

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



54.8291, 63.6261, 41.7390



41.2898, 38.0197, 69.4559

# Split Complementary

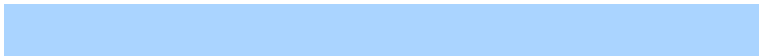
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8054, 63.6261, 90.8101



54.8291, 63.6261, 41.7390



59.8876, 63.6261, 112.3161

# Square

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



54.8291, 63.6261, 41.7390



49.8836, 63.6261, 87.3553



66.4951, 63.6261, 106.8556



72.4679, 63.6261, 53.8843



# Rectangle

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



54.8291, 63.6261, 41.7390



48.9140, 63.6261, 61.6113



66.4951, 63.6261, 106.8556



73.7270, 63.6261, 77.5558

# Sweetspot

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



54.8307, 63.6289, 41.7404



90.2460, 97.8830, 92.4314



48.6386, 45.7985, 38.6251



19.1321, 20.8695, 19.1642



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

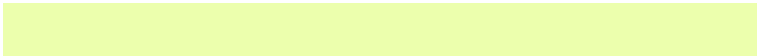


# Same Dimension

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



54.8307, 63.6289, 41.7404



78.0611, 92.4512, 53.4690



47.9632, 60.0886, 41.4190



13.1829, 14.3705, 13.2397



24.0302, 33.9643, 5.2893



1.5187, 2.0843, 0.3223



# Inverse Universe

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



41.2898, 38.0197, 69.4559



54.8129, 48.4694, 101.0743



48.0082, 41.4832, 69.7704



12.0051, 12.1440, 15.6488



8.1723, 3.3655, 38.6720



0.5663, 0.2408, 2.3359



# Previews

## White Background



This preview shows how the XYZ color 54.8291, 63.6261, 41.7390 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 54.8291, 63.6261, 41.7390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

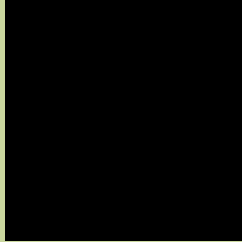
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

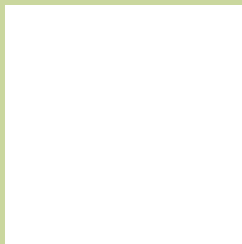
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 54.8291, 63.6261, 41.7390

## Background



This preview shows how black text looks on a background with the XYZ color 54.8291, 63.6261, 41.7390.



This preview shows how white text looks on a background with the XYZ color 54.8291, 63.6261,



# 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

54.8291, 63.6261, 41.7390

### Protanopia

59.2127, 63.3256, 40.1126

### Deuteranopia

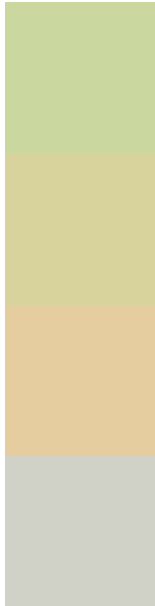
64.7435, 63.2942, 42.5229



## Tritanopia

62.4961, 63.8022, 78.8332

# Trichromacy



## Original Color

54.8291, 63.6261, 41.7390

## Protanomaly

57.6139, 63.5878, 40.6896

## Deuteranomaly

60.4896, 62.8587, 42.2025

## Tritanomaly

59.3678, 63.6266, 63.1850

# Monochromacy



## Original Color

54.8291, 63.6261, 41.7390

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

56.7794, 62.0691, 56.5649

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.8291, 63.6261, 41.7390 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, 215, 158)` looks like.

```
.text, #text, p{  
    color:rgb(202, 215, 158)  
}
```

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, 215, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 215, 158) }
```

## Border

The CSS property to change the border of an element to XYZ 54.8291, 63.6261, 41.7390 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, 215, 158) }
```



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

```
.border{ border-color:rgb(202, 215, 158) }
```

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

Here you see how a box with a 4 pixel rgb(202, 215, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 215, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 215, 158);  
box-shadow:4px 4px 4px 4px rgb(202, 215,  
158) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.8291, 63.6261, 41.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 215, 158) }
```

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

```
.background{ background-color: rgb(202,  
215, 158) }
```

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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