

# Converting Colors

XYZ(54.7291, 63.9636, 41.3600)

Have a look what the booklet for  
XYZ(54.7291, 63.9636, 41.3600)  
contains.

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# Color

**XYZ(54.7291, 63.9636,  
41.3600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9D89D
RGB	201, 216, 157
RGB Percent	79%, 85%, 62%
CMY	0.2118, 0.1529, 0.3843
CMYK	0.07, 0.00, 0.27, 0.15
HSL	75°, 43%, 73%
HSV	75°, 27%, 85%
XYZ	54.7291, 63.9636, 41.3600
YIQ	204.7890, 9.9990, -21.5290

# Conversions

## Conversions Part 2

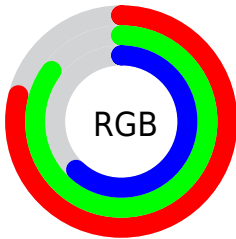
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 216, 172
Decimal	13228189
CIELab	83.95, -14.83, 27.48
CIELCh	84, 31.226, 118.363
Yxy	63.9636, 0.3419, 0.3996
Android (android.graphics.Color)	4291418269 (0xFFC9D89D)
YUV	204.7890, -23.5600, -3.3230
Hunter-Lab	79.9772, -17.8111, 25.3224

# Details

The XYZ color **54.7291, 63.9636, 41.3600** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4675, 37.8442, 70.0884**, and the grayscale version is **58.0362, 61.0586, 66.4928**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **27.1487, 32.6207, 18.2301** is the 20% darker color. If you saturate the color by 10%, you get **51.5958, 62.5449, 32.4232**, and if you desaturate by 10%, it is **58.2446, 65.5456, 52.0192**.

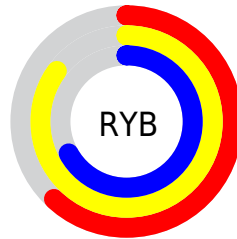
# Distribution



Red (79%)

Green (85%)

Blue (62%)



Red (62%)

Yellow (85%)

Blue (67%)

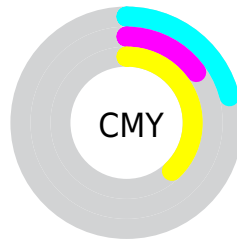


Cyan (7%)

Magenta (0%)

Yellow (27%)

Black (15%)



Cyan (21%)

Magenta (15%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7291, 63.9636, 41.3600 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 54.7291, 63.9636, 41.3600 by changing the saturation by 10% instead.



■ 54.7291, 63.9636,  
41.3600

■ 54.7291, 63.9636,  
41.3600

395.0374,  
439.0582, 367.5441

■ 39.4179, 46.6212,  
28.2787

■ 96.2946, 110.5585,  
78.4897

■ 27.2671, 32.7363,  
18.2950

■ 123.2795,  
140.5798, 103.3751

■ 17.9116, 21.9245,  
10.9903

154.8864,  
175.5962, 133.0323

■ 10.9858, 13.8014,  
5.9462

191.4806,  
215.9920, 167.8799

■ 6.1245, 7.9827,  
2.7442

233.4274,  
262.1518, 208.3363

■ 2.9623, 4.0839,  
0.9655

281.0922,

■ 1.1339, 1.7206,

314.4598, 254.8201

0.0000

334.8404,  
373.3005, 307.7498

0.0532, 0.4369,  
0.0000

0.0000, 0.0000,  
0.0000

54.7291, 63.9636,  
41.3600

54.7291, 63.9636,  
41.3600

51.5958, 62.5449,  
32.4232

58.2446, 65.5456,  
52.0192

48.8219, 61.2738,  
25.1141

62.1539, 67.2892,  
64.4804

46.3900, 60.1455,  
19.3355

66.4739, 69.2032,  
78.8234

44.2786, 59.1513,  
14.9778

71.2191, 71.2937,  
95.1218

■ 42.4637, 58.2815,  
11.9171

■ 74.7502, 72.9048,  
104.7400

■ 40.9171, 57.5249,  
10.0081

■ 76.5255, 73.8200,  
104.8231

■ 39.6010, 56.8661,  
9.0556

■ 78.3567, 74.7640,  
104.9088

■ 39.2701, 56.6992,  
8.8743

■ 80.2444, 75.7371,  
104.9971

■ 82.1889, 76.7396,  
105.0881

# Harmonies

## Analogous

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



61.1739, 63.9636, 38.2416



54.7291, 63.9636, 41.3600



50.2206, 63.9636, 51.6142

# Triad

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



54.7291, 63.9636, 41.3600



54.1216, 63.9636, 107.1080



74.9903, 63.9636, 70.7325

# Complementary

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



54.7291, 63.9636, 41.3600



41.4675, 37.8442, 70.0884

# Split Complementary

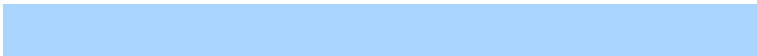
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7595, 63.9636, 91.4518



54.7291, 63.9636, 41.3600



60.4187, 63.9636, 114.7591

# Square

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



54.7291, 63.9636, 41.3600



49.8889, 63.9636, 89.2241



67.2944, 63.9636, 108.5554



73.1860, 63.9636, 53.1635



# Rectangle

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



54.7291, 63.9636, 41.3600



48.7449, 63.9636, 62.2845



67.2944, 63.9636, 108.5554



74.6844, 63.9636, 77.5647

# Sweetspot

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



54.7307, 63.9664, 41.3614



90.0547, 97.7844, 92.4225



49.1120, 46.4452, 38.2756



19.0837, 20.8446, 19.1619



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

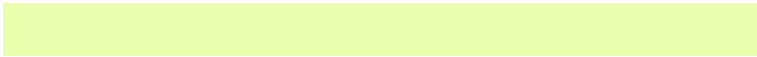


# Same Dimension

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



54.7307, 63.9664, 41.3614



76.8970, 91.8794, 52.1348



47.6023, 60.2916, 41.0278



13.1502, 14.3536, 13.2381



23.3470, 33.6121, 5.2573



1.4825, 2.0656, 0.3206



# Inverse Universe

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



41.4675, 37.8442, 70.0884



54.3861, 47.5283, 100.9152



48.6086, 41.5256, 70.4226



12.0357, 12.1598, 15.6502



8.3515, 3.4579, 38.6804

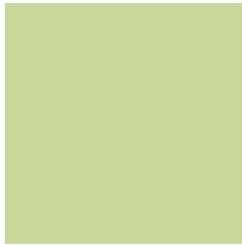


0.5808, 0.2483, 2.3366



# Previews

## White Background



This preview shows how the XYZ color 54.7291, 63.9636, 41.3600 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 54.7291, 63.9636, 41.3600 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

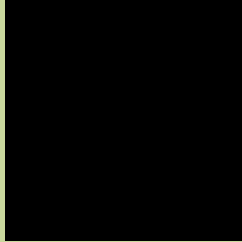
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.7291, 63.9636, 41.3600

## Background



This preview shows how black text looks on a background with the XYZ color 54.7291, 63.9636, 41.3600.



This preview shows how white text looks on a background with the XYZ color 54.7291, 63.9636,

41.3600.

# 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

54.7291, 63.9636, 41.3600

### Protanopia

59.3737, 63.7813, 39.7535

### Deuteranopia

65.2378, 63.9042, 42.1540



## Tritanopia

62.3457, 63.7091, 79.5321

# Trichromacy



## Original Color

54.7291, 63.9636, 41.3600

## Protanomaly

57.7788, 64.0525, 40.3284

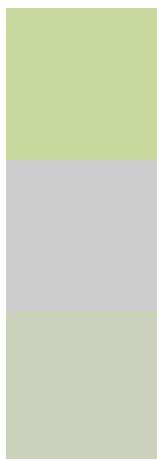
## Deuteranomaly

60.9624, 63.4688, 41.8385

## Tritanomaly

59.2040, 63.5287, 63.7855

# Monochromacy



## Original Color

54.7291, 63.9636, 41.3600

## 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 54.7291, 63.9636, 41.3600 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, 216, 157)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 157)  
}
```

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, 216, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 54.7291, 63.9636, 41.3600 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, 216, 157) }
```



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

```
.border{ border-color:rgb(201, 216, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 157);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.7291, 63.9636, 41.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 157) }
```

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

```
.background{ background-color: rgb(201,  
216, 157) }
```

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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