

# Converting Colors

XYZ(55.5403, 61.4411, 39.5173)

Have a look what the booklet for  
XYZ(55.5403, 61.4411, 39.5173)  
contains.

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# **Color**

**XYZ(55.5400, 61.4419,  
39.5041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D09A
RGB	212, 208, 154
RGB Percent	83%, 82%, 60%
CMY	0.1686, 0.1843, 0.3961
CMYK	0.00, 0.02, 0.27, 0.17
HSL	56°, 40%, 72%
HSV	56°, 27%, 83%
XYZ	55.5400, 61.4419, 39.5041
YIQ	203.0400, 19.7180, -15.9460

# Conversions

## Conversions Part 2

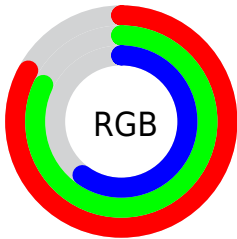
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 212, 154
Decimal	13947034
CIELab	82.62, -7.05, 27.38
CIELCh	83, 28.275, 104.443
Yxy	61.4419, 0.3549, 0.3926
Android (android.graphics.Color)	4292137114 (0xFFD4D09A)
YUV	203.0400, -24.1767, 7.8579
Hunter-Lab	78.3849, -10.6965, 24.9887

# Details

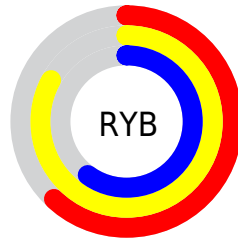
The XYZ color **55.5400, 61.4419, 39.5041** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4368, 36.0764, 67.2779**, and the grayscale version is **56.9296, 59.8944, 65.2250**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **27.8585, 31.2386, 17.1317** is the 20% darker color. If you saturate the color by 10%, you get **53.5742, 60.0907, 30.8936**, and if you desaturate by 10%, it is **57.8241, 62.9300, 49.7606**.

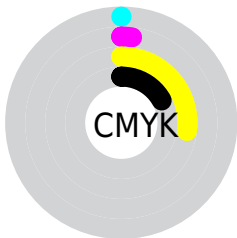
# Distribution



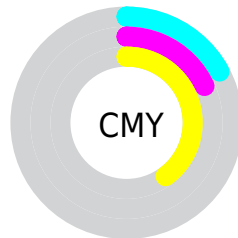
- Red (83%)
- Green (82%)
- Blue (60%)



- Red (62%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (17%)




- Cyan (17%)
- Magenta (18%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5400, 61.4419, 39.5041 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 55.5400, 61.4419, 39.5041 by changing the saturation by 10% instead.





 55.5400, 61.4419,  
39.5041


 55.5400, 61.4419,  
39.5041


398.0588,  
429.8924, 359.5187

 40.0698, 44.5819,  
26.8413


 97.4754, 106.9185,  
75.6366

 27.7774, 31.1282,  
17.2227

 124.6713,  
136.3039, 99.9433

 18.2975, 20.6965,  
10.2297


156.5065,  
170.6332, 128.9684

 11.2648, 12.9023,  
5.4440

193.3463,  
210.2909, 163.1305

 6.3138, 7.3613,  
2.4468

235.5561,  
255.6612, 202.8480

 3.0793, 3.6891,  
0.8117

283.5012,

 1.1958, 1.5012,

307.1286, 248.5395

0.0000

337.5470,  
365.0776, 300.6236

■ 0.1031, 0.2896,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 55.5400, 61.4419,  
39.5041

■ 55.5400, 61.4419,  
39.5041

■ 53.5742, 60.0907,  
30.8936

■ 57.8241, 62.9300,  
49.7606

■ 51.9056, 58.8614,  
23.8390

■ 60.4370, 64.5527,  
61.7394

■ 50.5179, 57.7497,  
18.2470

■ 63.3945, 66.3185,  
75.5165

■ 49.3911, 56.7476,  
14.0133

■ 66.7099, 68.2328,  
91.1625

■ 48.5028, 55.8461,  
11.0195

■ 69.5801, 69.9743,  
104.4469

■ 47.8266, 55.0346,  
9.1269

■ 69.9543, 70.7227,  
104.5716

■ 47.3269, 54.2988,  
8.1472

■ 70.3318, 71.4778,  
104.6974

■ 47.2082, 54.1106,  
7.9562

■ 70.7127, 72.2395,  
104.8244

■ 71.0969, 73.0079,  
104.9525

# Harmonies

## Analogous

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



61.5804, 61.4419, 39.6225



55.5400, 61.4419, 39.5041



50.6128, 61.4419, 45.7880

# Triad

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



55.5400, 61.4419, 39.5041



50.4672, 61.4419, 93.0965



70.3605, 61.4419, 76.2566

# Complementary

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



55.5400, 61.4419, 39.5041



37.4368, 36.0764, 67.2779

# 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.



66.9447, 61.4419, 93.6700



55.5400, 61.4419, 39.5041



55.3285, 61.4419, 104.4794

# Square

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



55.5400, 61.4419, 39.5041



47.8244, 61.4419, 75.5742



61.3538, 61.4419, 104.7058



70.4270, 61.4419, 58.9159



# Rectangle

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



55.5400, 61.4419, 39.5041



48.5033, 61.4419, 53.5092



61.3538, 61.4419, 104.7058



69.5560, 61.4419, 82.3565

# Sweetspot

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



55.5416, 61.4447, 39.5054



91.4910, 97.8618, 92.3617



44.9511, 39.6065, 38.0016



19.4478, 20.8638, 19.1464



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.



55.5416, 61.4447, 39.5054



82.5151, 92.0720, 51.8758



50.0747, 60.0906, 39.5322



13.3962, 14.3666, 13.2277



29.1742, 33.4656, 4.9219



1.7821, 2.0634, 0.3044



# Inverse Universe

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



37.4368, 36.0764, 67.2779



50.4643, 47.1658, 101.0519



41.8383, 37.3502, 67.2917



11.8106, 12.1447, 15.6592



7.4651, 3.1919, 38.6758

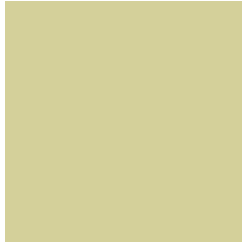


0.4749, 0.2418, 2.3410



# Previews

## White Background



This preview shows how the XYZ color 55.5400, 61.4419, 39.5041 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

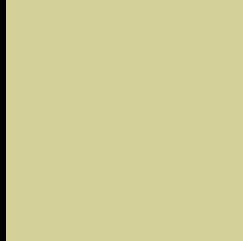
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 55.5400, 61.4419, 39.5041 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

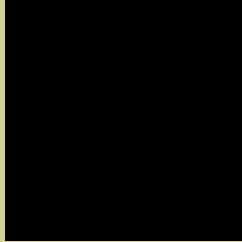
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 55.5400, 61.4419, 39.5041

## Background



This preview shows how black text looks on a background with the XYZ color 55.5400, 61.4419, 39.5041.



This preview shows how white text looks on a background with the XYZ color 55.5400, 61.4419,



# 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

55.5400, 61.4419, 39.5041

### Protanopia

57.0963, 61.1782, 38.9363

### Deuteranopia

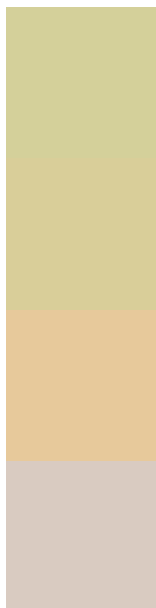
62.5850, 61.2101, 39.9686



## Tritanopia

62.5641, 61.4821, 73.5355

# Trichromacy



## Original Color

55.5400, 61.4419, 39.5041

## Protanomaly

56.4363, 61.1942, 38.9741

## Deuteranomaly

59.7580, 61.1288, 39.6598

## Tritanomaly

59.5968, 61.3138, 59.1457

# Monochromacy



## Original Color

55.5400, 61.4419, 39.5041

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

56.0419, 60.2872, 54.5818

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.5400, 61.4419, 39.5041 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(212, 208, 154)` looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 154)  
}
```

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(212, 208, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 154) }
```

## Border

The CSS property to change the border of an element to XYZ 55.5400, 61.4419, 39.5041 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(212, 208, 154) }
```



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

```
.border{ border-color:rgb(212, 208, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 208, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 154);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
154) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.5400, 61.4419, 39.5041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 154) }
```

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

```
.background{ background-color: rgb(212,  
208, 154) }
```

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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