

# Converting Colors

XYZ(61.0109, 69.8075, 63.1271)

Have a look what the booklet for  
XYZ(61.0109, 69.8075, 63.1271)  
contains.

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# Color

**XYZ(61.0908, 69.8991,  
63.0954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE0C5
RGB	202, 224, 197
RGB Percent	79%, 88%, 77%
CMY	0.2078, 0.1215, 0.2274
CMYK	0.10, 0.00, 0.12, 0.12
HSL	109°, 30%, 83%
HSV	109°, 12%, 88%
XYZ	61.0908, 69.8991, 63.0954
YIQ	214.3440, -4.4450, -13.0610

# Conversions

## Conversions Part 2

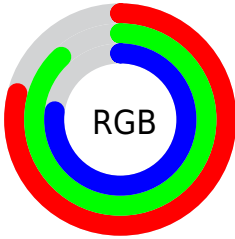
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 224, 219
Decimal	13295813
CIELab	86.95, -12.24, 10.75
CIELCh	87, 16.291, 138.689
Yxy	69.8991, 0.3148, 0.3601
Android (android.graphics.Color)	4291485893 (0xFFCAE0C5)
YUV	214.3440, -8.5506, -10.8257
Hunter-Lab	83.6057, -15.8797, 13.7791

# Details

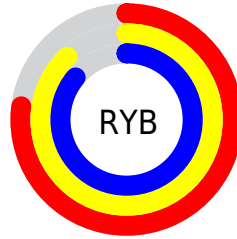
The XYZ color **61.0908, 69.8991, 63.0954** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.6371, 60.3764, 78.8772**, and the grayscale version is **64.2078, 67.5516, 73.5637**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **31.3586, 36.6550, 31.4089** is the 20% darker color. If you saturate the color by 10%, you get **54.0626, 66.5528, 50.3490**, and if you desaturate by 10%, it is **69.0886, 73.7052, 77.8810**.

# Distribution



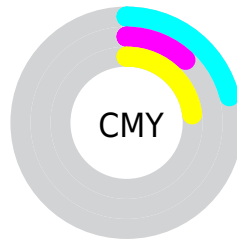
- Red (79%)
- Green (88%)
- Blue (77%)



- Red (77%)
- Yellow (88%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0908, 69.8991, 63.0954 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 61.0908, 69.8991, 63.0954 by changing the saturation by 10% instead.



61.0908, 69.8991,  
63.0954

61.0908, 69.8991,  
63.0954

418.3774,  
460.1956, 454.0331

44.5513, 51.4443,  
45.4769

105.5078,  
119.0649, 110.8940

31.3039, 36.5623,  
31.4875

134.1159,  
150.5446, 141.9113

20.9833, 24.8688,  
20.7088

167.4776,  
187.1347, 178.2318

13.2242, 15.9793,  
12.7222

205.9583,  
229.2197, 220.2742

7.6612, 9.5095,  
7.1090

249.9233,  
277.1839, 268.4570

3.9289, 5.0750,  
3.4509

299.7379,

1.6620, 2.2913,

331.4117, 323.1987

1.3292

355.7675,  
392.2875, 384.9179

■ 0.4323, 0.7691,  
0.0856

■ 0.0000, 0.0000,  
0.0000

■ 61.0908, 69.8991,  
63.0954

■ 61.0908, 69.8991,  
63.0954

■ 54.0626, 66.5528,  
50.3490

■ 69.0886, 73.7052,  
77.8810

■ 47.9611, 63.6401,  
39.5480

■ 78.0851, 77.9782,  
94.7850

■ 42.7488, 61.1458,  
30.5981

■ 85.9470, 81.7941,  
105.8657

■ 38.3833, 59.0502,  
23.3953

■ 34.8188, 57.3322,  
17.8253

■ 32.0049, 55.9687,  
13.7602

■ 29.8850, 54.9335,  
11.0533

■ 28.3940, 54.1971,  
9.5282

■ 27.5904, 53.7953,  
8.9294

# Harmonies

## Analogous

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



64.1197, 69.8991, 57.9329



61.0908, 69.8991, 63.0954



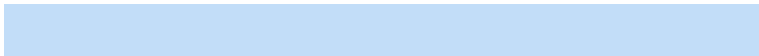
59.5170, 69.8991, 72.0717

# Triad

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



61.0908, 69.8991, 63.0954



65.0122, 69.8991, 98.5625



73.6124, 69.8991, 69.5886

# Complementary

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



61.0908, 69.8991, 63.0954



62.6371, 60.3764, 78.8772

# 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.



73.8736, 69.8991, 80.2928



61.0908, 69.8991, 63.0954



68.8095, 69.8991, 97.7355

# Square

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



61.0908, 69.8991, 63.0954



61.7226, 69.8991, 92.9596



72.0863, 69.8991, 90.7975



71.3855, 69.8991, 61.4273



# Rectangle

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



61.0908, 69.8991, 63.0954



59.4630, 69.8991, 79.3184



72.0863, 69.8991, 90.7975



73.9360, 69.8991, 72.9859

# Sweetspot

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



61.0927, 69.9021, 63.0969



90.4589, 97.8179, 100.3393



66.0488, 70.3363, 62.9195



19.1823, 20.8517, 21.1431



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

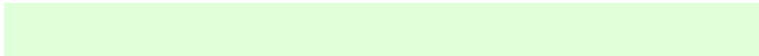


# Same Dimension

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



61.0927, 69.9021, 63.0969



79.9213, 92.8044, 80.9258



60.7153, 69.5974, 68.0563



13.7643, 15.4587, 14.5651



16.1292, 31.3474, 5.2006



1.1877, 2.2088, 0.3637



# Inverse Universe

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



62.6371, 60.3764, 78.8772



82.3099, 78.0677, 105.3381



63.0910, 60.7344, 73.2985



14.0332, 13.8007, 17.3118



19.2243, 9.0058, 41.7734

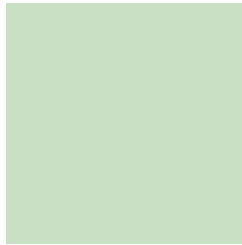


1.3978, 0.6579, 2.8986



# Previews

## White Background



This preview shows how the XYZ color 61.0908, 69.8991, 63.0954 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 61.0908, 69.8991, 63.0954 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

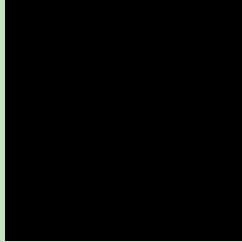
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

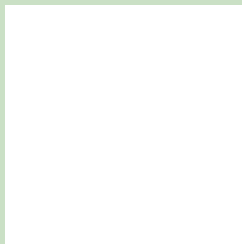
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.0908, 69.8991, 63.0954

## Background



This preview shows how black text looks on a background with the XYZ color 61.0908, 69.8991, 63.0954.



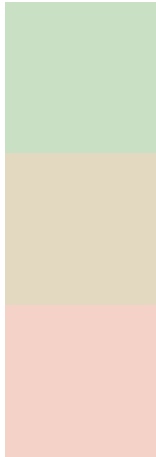
This preview shows how white text looks on a background with the XYZ color 61.0908, 69.8991,



# 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



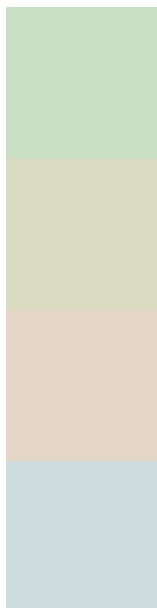
<b>Original Color</b>
61.0908, 69.8991, 63.0954
<b>Protanopia</b>
66.1170, 69.8069, 60.4414
<b>Deuteranopia</b>
71.1281, 69.6758, 64.3435



## Tritanopia

66.2242, 69.6088, 89.3023

# Trichromacy



## Original Color

61.0908, 69.8991, 63.0954

## Protanomaly

64.2442, 69.9869, 61.1617

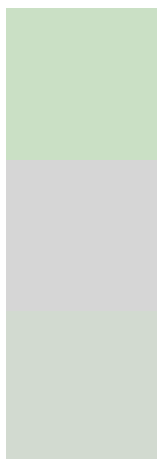
## Deuteranomaly

66.9223, 69.3824, 63.8978

## Tritanomaly

64.2316, 69.5821, 79.1526

# Monochromacy



## Original Color

61.0908, 69.8991, 63.0954

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

63.0349, 68.3985, 69.5544

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.0908, 69.8991, 63.0954 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, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 224, 197)  
}
```

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, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 224, 197) }
```

## Border

The CSS property to change the border of an element to XYZ 61.0908, 69.8991, 63.0954 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, 224, 197) }
```



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

```
.border{ border-color:rgb(202, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 224,  
197) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.0908, 69.8991, 63.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 224, 197) }
```

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

```
.background{ background-color: rgb(202,  
224, 197) }
```

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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