

# Converting Colors

XYZ(59.8480, 69.2549, 58.1177)

Have a look what the booklet for  
XYZ(59.8480, 69.2549, 58.1177)  
contains.

<b>XYZ(59.9284, 69.4029, 58.3817)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(59.9284, 69.4029,  
58.3817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9E0BD
RGB	201, 224, 189
RGB Percent	79%, 88%, 74%
CMY	0.2118, 0.1215, 0.2588
CMYK	0.10, 0.00, 0.16, 0.12
HSL	99°, 36%, 81%
HSV	99°, 16%, 88%
XYZ	59.9284, 69.4029, 58.3817
YIQ	213.1330, -2.4730, -15.7610

# Conversions

## Conversions Part 2

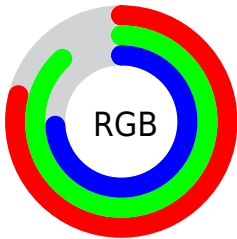
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 224, 212
Decimal	13230269
CIELab	86.70, -13.94, 14.59
CIELCh	87, 20.181, 133.685
Yxy	69.4029, 0.3193, 0.3697
Android (android.graphics.Color)	4291420349 (0xFFC9E0BD)
YUV	213.1330, -11.8976, -10.6406
Hunter-Lab	83.3084, -17.3847, 16.7660

# Details

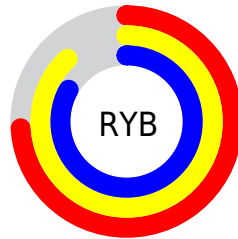
The XYZ color **59.9284, 69.4029, 58.3817** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.8062, 55.7760, 78.1910**, and the grayscale version is **63.4147, 66.7172, 72.6551**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **30.6645, 36.3566, 28.6939** is the 20% darker color. If you saturate the color by 10%, you get **53.9130, 66.5635, 46.3728**, and if you desaturate by 10%, it is **66.7024, 72.5941, 72.3893**.

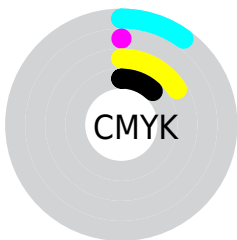
# Distribution



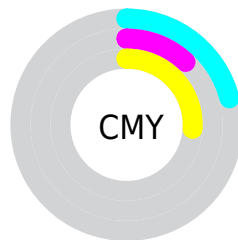
- Red (79%)
- Green (88%)
- Blue (74%)



- Red (74%)
- Yellow (88%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)




- Cyan (21%)
- Magenta (12%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9284, 69.4029, 58.3817 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 59.9284, 69.4029, 58.3817 by changing the saturation by 10% instead.





 59.9284, 69.4029,  
58.3817

 59.9284, 69.4029,  
58.3817

414.1728,  
458.4507, 436.2446

 43.6102, 51.0399,  
41.6989


 103.8327,  
118.3569, 103.9988

 30.5607, 36.2404,  
28.5418


132.1495,  
149.7166, 133.7701

 20.4148, 24.6199,  
18.4919

165.1966,  
186.1774, 168.7413

 12.8069, 15.7941,  
11.1306

203.3392,  
228.1236, 209.3309

 7.3718, 9.3786,  
6.0395

246.9428,  
275.9396, 255.9575

 3.7441, 4.9889,  
2.7999


296.3727,

 1.5584, 2.2408,


330.0099, 309.0396


0.9934


351.9942,  
390.7188, 368.9958


 0.3651, 0.7421,  
0.0000


 0.0000, 0.0000,  
0.0000


 59.9284, 69.4029,  
58.3817


 59.9284, 69.4029,  
58.3817

 53.9130, 66.5635,  
46.3728


 66.7024, 72.5941,  
72.3893


 48.6229, 64.0546,  
36.2672

 74.2558, 76.1397,  
88.4763

 44.0304, 61.8659,  
27.9683

 82.4209, 79.9762,  
105.7006

 40.1035, 59.9836,  
21.3692

 85.9470, 81.7940,  
105.8657

■ 36.8078, 58.3922,  
16.3519

■ 34.1051, 57.0751,  
12.7833

■ 31.9522, 56.0133,  
10.5083

■ 30.2983, 55.1850,  
9.3362

■ 29.7008, 54.8831,  
9.0281

# Harmonies

## Analogous

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



63.8539, 69.4029, 53.1417



59.9284, 69.4029, 58.3817



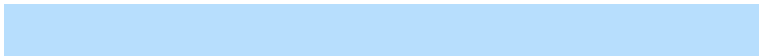
57.6804, 69.4029, 68.5399

# Triad

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



59.9284, 69.4029, 58.3817



63.4634, 69.4029, 103.1755



75.1247, 69.4029, 69.6186

# Complementary

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



59.9284, 69.4029, 58.3817



58.8062, 55.7760, 78.1910

# 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.



75.0079, 69.4029, 83.0607



59.9284, 69.4029, 58.3817



68.1229, 69.4029, 103.5537

# Square

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



59.9284, 69.4029, 58.3817



59.6542, 69.4029, 94.8550



72.3947, 69.4029, 95.8339



72.7066, 69.4029, 59.0904



# Rectangle

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



59.9284, 69.4029, 58.3817



57.3659, 69.4029, 77.2409



72.3947, 69.4029, 95.8339



75.3840, 69.4029, 73.9194

# Sweetspot

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



59.9303, 69.4059, 58.3832



90.0488, 97.6511, 98.3039



63.4095, 66.4863, 57.6363



19.1283, 20.8328, 20.7346



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

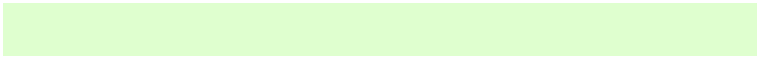


# Same Dimension

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



59.9303, 69.4059, 58.3832



77.4480, 91.7163, 72.3645



57.4097, 68.0394, 61.2948



13.9696, 15.5645, 14.5747



17.3983, 32.0016, 5.2600



1.2997, 2.2665, 0.3690



# Inverse Universe

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



58.8062, 55.7760, 78.1910



75.6452, 69.8728, 104.1076



61.6939, 57.3457, 74.6657



13.8150, 13.6882, 17.3016



14.9852, 6.8205, 41.5750

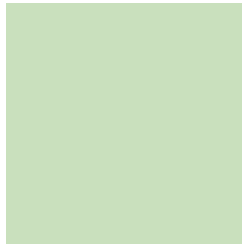


1.1336, 0.5217, 2.8862



# Previews

## White Background



This preview shows how the XYZ color 59.9284, 69.4029, 58.3817 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

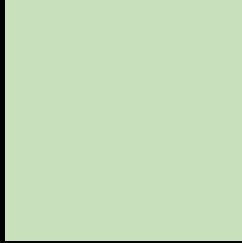
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.9284, 69.4029, 58.3817 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

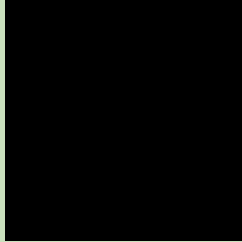
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

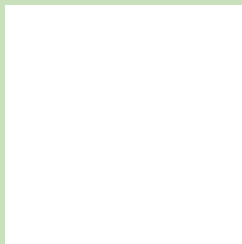
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 59.9284, 69.4029, 58.3817**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.9284, 69.4029, 58.3817.



This preview shows how white text looks on a background with the XYZ color 59.9284, 69.4029,



# 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

59.9284, 69.4029, 58.3817

### Protanopia

65.3077, 69.1085, 55.7961

### Deuteranopia

70.6727, 69.1809, 59.4976



## Tritanopia

66.0792, 69.5509, 88.5392

# Trichromacy



## Original Color

59.9284, 69.4029, 58.3817

## Protanomaly

63.1079, 69.1136, 56.4685

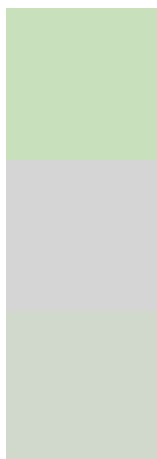
## Deuteranomaly

66.0837, 68.6777, 59.0634

## Tritanomaly

63.4249, 69.2275, 76.3491

# Monochromacy



## Original Color

59.9284, 69.4029, 58.3817

## Achromatopsia

63.2451, 66.5387, 72.4607

## Achromatomaly

62.0064, 67.5407, 66.8953

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.9284, 69.4029, 58.3817 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, 224, 189) looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 189)  
}
```

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, 224, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 189) }
```

## Border

The CSS property to change the border of an element to XYZ 59.9284, 69.4029, 58.3817 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, 224, 189) }
```



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

```
.border{ border-color:rgb(201, 224, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 224, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
189) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.9284, 69.4029, 58.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 189) }
```

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

```
.background{ background-color: rgb(201,  
224, 189) }
```

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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