

Converting Colors

XYZ(59.8020, 69.5039, 58.1215)

Have a look what the booklet for
XYZ(59.8020, 69.5039, 58.1215)
contains.

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Color

**XYZ(59.5522, 69.2215,
57.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E0BC
RGB	200, 224, 188
RGB Percent	78%, 88%, 74%
CMY	0.2157, 0.1215, 0.2627
CMYK	0.11, 0.00, 0.16, 0.12
HSL	100°, 37%, 81%
HSV	100°, 16%, 88%
XYZ	59.5522, 69.2215, 57.7993
YIQ	212.7200, -2.7480, -16.2840

Conversions

Conversions Part 2

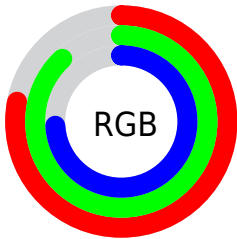
Format	Color
RYB	188, 224, 212
Decimal	13164732
CIELab	86.61, -14.45, 14.98
CIELCh	87, 20.816, 133.969
Yxy	69.2215, 0.3192, 0.3710
Android (android.graphics.Color)	4291354812 (0xFFC8E0BC)
YUV	212.7200, -12.1870, -11.1554
Hunter-Lab	83.1995, -17.8330, 17.0504

Details

The XYZ color **59.5522, 69.2215, 57.7993** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.5919, 55.3472, 78.1196**, and the grayscale version is **63.1405, 66.4287, 72.3409**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **30.4152, 36.2362, 28.3129** is the 20% darker color. If you saturate the color by 10%, you get **53.5271, 66.3752, 45.8755**, and if you desaturate by 10%, it is **66.3456, 72.4246, 71.7185**.

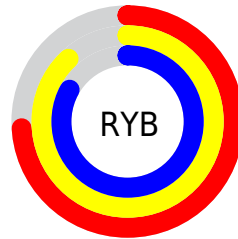
Distribution



Red (78%)

Green (88%)

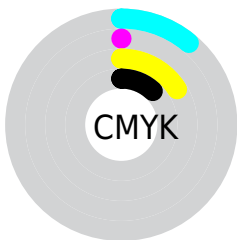
Blue (74%)



Red (74%)

Yellow (88%)

Blue (83%)

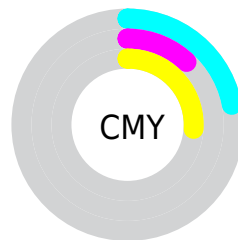


Cyan (11%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (22%)


Magenta (12%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5522, 69.2215, 57.7993 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 59.5522, 69.2215, 57.7993 by changing the saturation by 10% instead.


 59.5522, 69.2215,
57.7993

 59.5522, 69.2215,
57.7993


412.8065,
457.8118, 434.0150

 43.3059, 50.8921,
41.2337


 103.2898,
118.0979, 103.1424

 30.3207, 36.1228,
28.1807


131.5119,
149.4137, 132.7570

 20.2315, 24.5290,
18.2217

164.4565,
185.8271, 167.5583

 12.6726, 15.7265,
10.9382

202.4892,
227.7225, 207.9650

 7.2790, 9.3308,
5.9116

245.9751,
275.4842, 254.3954

 3.6850, 4.9576,
2.7235

295.2797,

 1.5255, 2.2224,

329.4968, 307.2682

0.9552

350.7684,
390.1445, 367.0019

■ 0.3431, 0.7322,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5522, 69.2215,
57.7993

■ 59.5522, 69.2215,
57.7993

■ 53.5271, 66.3752,
45.8755

■ 66.3456, 72.4246,
71.7185

■ 48.2362, 63.8640,
35.8511

■ 73.9285, 75.9876,
87.7138

■ 43.6514, 61.6777,
27.6293

■ 82.2953, 79.9115,
105.6948

■ 39.7400, 59.8017,
21.1029

■ 85.9470, 81.7940,
105.8657

■ 36.4669, 58.2205,
16.1530

■ 33.7929, 56.9169,
12.6458

■ 31.6740, 55.8715,
10.4250

■ 30.0579, 55.0617,
9.2964

■ 29.5320, 54.7961,
9.0202

Harmonies

Analogous

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



63.5759, 69.2215, 52.3894



59.5522, 69.2215, 57.7993



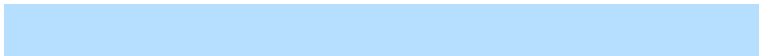
57.2628, 69.2215, 68.2600

Triad

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



59.5522, 69.2215, 57.7993



63.2610, 69.2215, 103.9396



75.2253, 69.2215, 69.1290

Complementary

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



59.5522, 69.2215, 57.7993



58.5919, 55.3472, 78.1196

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.



75.1308, 69.2215, 82.9583



59.5522, 69.2215, 57.7993



68.0610, 69.2215, 104.2468

Square

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



59.5522, 69.2215, 57.7993



59.3314, 69.2215, 95.3902



72.4552, 69.2215, 96.1842



72.7074, 69.2215, 58.3681

Rectangle

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



59.5522, 69.2215, 57.7993



56.9544, 69.2215, 77.2271



72.4552, 69.2215, 96.1842



75.5017, 69.2215, 73.5438

Sweetspot

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



59.5541, 69.2245, 57.8008



90.0061, 97.6291, 98.3019



63.3638, 66.5680, 57.0873



19.1179, 20.8275, 20.7341



0.0000, 0.0000, 0.0000



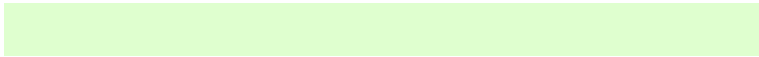
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5541, 69.2245, 57.8008



77.3059, 91.6430, 72.3579



57.1344, 67.9008, 61.1352



13.9570, 15.5580, 14.5742



17.2980, 31.9500, 5.2553



1.2917, 2.2624, 0.3686

Inverse Universe

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



58.5919, 55.3472, 78.1196



75.8007, 69.9529, 104.1149



61.3811, 56.8775, 74.0761



13.8280, 13.6949, 17.3022



15.2091, 6.9359, 41.5855



1.1479, 0.5291, 2.8869

Previews

White Background



This preview shows how the XYZ color 59.5522, 69.2215, 57.7993 looks on a white background.

Color Contrast Check

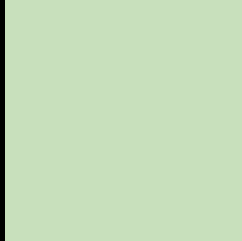
Large Text (above 18pt) WCAG AA × Fail

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 59.5522, 69.2215, 57.7993 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

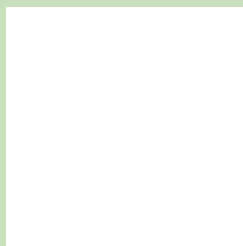
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5522, 69.2215, 57.7993

Background



This preview shows how black text looks on a background with the XYZ color 59.5522, 69.2215, 57.7993.



This preview shows how white text looks on a background with the XYZ color 59.5522, 69.2215,

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

59.5522, 69.2215, 57.7993

Protanopia

65.2025, 69.0664, 55.2420

Deuteranopia

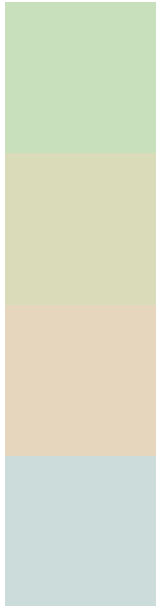
70.5622, 69.1367, 58.9159



Tritanopia

65.5404, 68.8893, 88.4399

Trichromacy



Original Color

59.5522, 69.2215, 57.7993

Protanomaly

63.0019, 69.0712, 55.9105

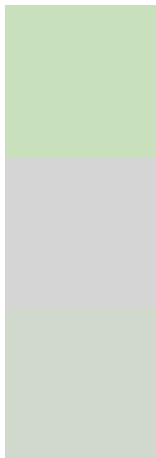
Deuteranomaly

65.9740, 68.6338, 58.4857

Tritanomaly

63.1499, 69.0857, 76.3362

Monochromacy



Original Color

59.5522, 69.2215, 57.7993

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.7244, 67.3952, 66.8821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5522, 69.2215, 57.7993 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(200, 224, 188)` looks like.

```
.text, #text, p{  
    color:rgb(200, 224, 188)  
}
```

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(200, 224, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 224, 188) }
```

Border

The CSS property to change the border of an element to XYZ 59.5522, 69.2215, 57.7993 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(200, 224, 188) }
```


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

```
.border{ border-color:rgb(200, 224, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 224, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 224, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 224, 188); box-shadow:4px 4px 4px 4px rgb(200, 224, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5522, 69.2215, 57.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 224, 188) }
```

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

```
.background{ background-color: rgb(200,  
224, 188) }
```

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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