

Converting Colors

XYZ(59.5082, 69.5739, 59.0079)

Have a look what the booklet for
XYZ(59.5082, 69.5739, 59.0079)
contains.

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Color

**XYZ(59.5082, 69.5739,
59.0079)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E1BE
RGB	198, 225, 190
RGB Percent	78%, 88%, 75%
CMY	0.2235, 0.1176, 0.2549
CMYK	0.12, 0.00, 0.16, 0.12
HSL	106°, 37%, 81%
HSV	106°, 16%, 88%
XYZ	59.5082, 69.5739, 59.0079
YIQ	212.9370, -4.8570, -16.6090

Conversions

Conversions Part 2

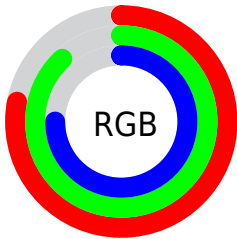
Format	Color
RYB	190, 225, 217
Decimal	13033918
CIELab	86.79, -15.31, 14.16
CIElCh	87, 20.852, 137.228
Yxy	69.5739, 0.3164, 0.3699
Android (android.graphics.Color)	4291223998 (0xFFC6E1BE)
YUV	212.9370, -11.3079, -13.0997
Hunter-Lab	83.4110, -18.6213, 16.4438

Details

The XYZ color **59.5082, 69.5739, 59.0079** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.6221, 57.0168, 79.0480**, and the grayscale version is **63.2809, 66.5764, 72.5017**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **30.3917, 36.4849, 29.1074** is the 20% darker color. If you saturate the color by 10%, you get **52.9205, 66.4424, 46.8381**, and if you desaturate by 10%, it is **67.0038, 73.1336, 73.2048**.

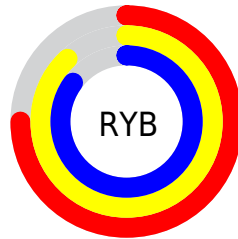
Distribution



Red (78%)

Green (88%)

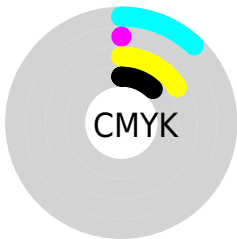
Blue (75%)



Red (75%)

Yellow (88%)

Blue (85%)

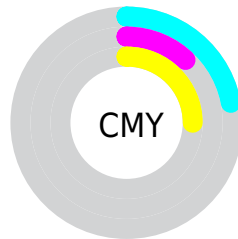


Cyan (12%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (22%)


Magenta (12%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5082, 69.5739, 59.0079 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 59.5082, 69.5739, 59.0079 by changing the saturation by 10% instead.


 59.5082, 69.5739,
59.0079

 59.5082, 69.5739,
59.0079


412.6465,
459.0525, 438.6339

 43.2703, 51.1792,
42.1994

 103.2263,
118.6009, 104.9184

 30.2927, 36.3513,
28.9307

131.4373,
150.0020, 134.8575

 20.2100, 24.7056,
18.7833


164.3699,
186.5074, 170.0105

 12.6570, 15.8579,
11.3386

202.3897,
228.5015, 210.7960

 7.2681, 9.4236,
6.1780

245.8618,
276.3687, 257.6326

 3.6782, 5.0185,
2.8831

295.1518,

 1.5217, 2.2581,


330.4933, 310.9387


1.0353


350.6249,
391.2598, 371.1330


 0.3405, 0.7514,
0.0000


 0.0000, 0.0000,
0.0000


 59.5082, 69.5739,
59.0079


 59.5082, 69.5739,
59.0079

 52.9205, 66.4424,
46.8381


 67.0038, 73.1336,
73.2048


 47.2000, 63.7141,
36.5987

 75.4347, 77.1277,
89.5107

 42.3114, 61.3750,
28.1918

 84.4283, 81.4113,
105.8718

 38.2145, 59.4066,
21.5090

 86.2166, 82.3332,
105.9555

■ 34.8657, 57.7892,
16.4308

■ 32.2170, 56.5008,
12.8220

■ 30.2139, 55.5169,
10.5257

■ 28.7929, 54.8090,
9.3487

■ 28.3131, 54.5680,
9.0404

Harmonies

Analogous

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



63.4010, 69.5739, 52.9768



59.5082, 69.5739, 59.0079



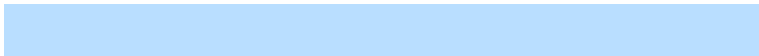
57.4337, 69.5739, 69.9952

Triad

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



59.5082, 69.5739, 59.0079



64.0852, 69.5739, 104.9392



75.4526, 69.5739, 68.1073

Complementary

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



59.5082, 69.5739, 59.0079



60.6221, 57.0168, 79.0480

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.



75.6580, 69.5739, 81.8206



59.5082, 69.5739, 59.0079



68.9320, 69.5739, 104.2719

Square

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



59.5082, 69.5739, 59.0079



59.9880, 69.5739, 97.1269



73.2212, 69.5739, 95.4022



72.6731, 69.5739, 57.7720

Rectangle

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



59.5082, 69.5739, 59.0079



57.2911, 69.5739, 79.1686



73.2212, 69.5739, 95.4022



75.8297, 69.5739, 72.4393

Sweetspot

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



59.5101, 69.5769, 59.0094



89.5380, 97.3878, 98.2800



65.1184, 69.2682, 58.6542



19.0044, 20.7690, 20.7288



0.0000, 0.0000, 0.0000



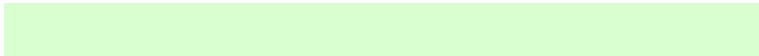
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5101, 69.5769, 59.0094



75.7682, 90.8503, 72.2859



58.5101, 68.9397, 64.4605



13.8204, 15.4876, 14.5678



16.3988, 31.4864, 5.2132



1.2144, 2.2225, 0.3650

Inverse Universe

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



60.6221, 57.0168, 79.0480



77.5371, 70.8480, 104.1961



61.8189, 57.7769, 72.6367



13.9727, 13.7695, 17.3090



17.9426, 8.3451, 41.7134



1.3194, 0.6175, 2.8949

Previews

White Background



This preview shows how the XYZ color 59.5082, 69.5739, 59.0079 looks on a white background.

Color Contrast Check

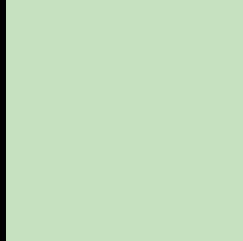
Large Text (above 18pt) WCAG AA × Fail

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 59.5082, 69.5739, 59.0079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

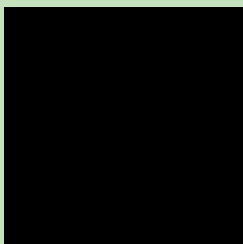
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

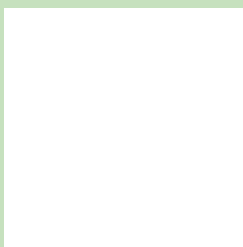
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5082, 69.5739, 59.0079

Background



This preview shows how black text looks on a background with the XYZ color 59.5082, 69.5739, 59.0079.



This preview shows how white text looks on a background with the XYZ color 59.5082, 69.5739,

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

59.5082, 69.5739, 59.0079

Protanopia

65.4137, 69.1509, 56.3542

Deuteranopia

70.4321, 69.0440, 60.0667



Tritanopia

65.6487, 69.6983, 89.3499

Trichromacy



Original Color

59.5082, 69.5739, 59.0079

Protanomaly

62.9164, 69.0026, 57.0165

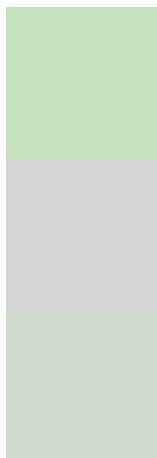
Deuteranomaly

66.1280, 69.0647, 59.7147

Tritanomaly

62.9998, 69.3839, 77.0898

Monochromacy



Original Color

59.5082, 69.5739, 59.0079

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.8447, 67.4434, 67.5159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5082, 69.5739, 59.0079 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(198, 225, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 225, 190)  
}
```

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(198, 225, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 225, 190) }
```

Border

The CSS property to change the border of an element to XYZ 59.5082, 69.5739, 59.0079 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(198, 225, 190) }
```


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

```
.border{ border-color:rgb(198, 225, 190) }
```

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

Here you see how a box with a 4 pixel rgb(198, 225, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 225, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 225, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 225,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5082, 69.5739, 59.0079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 225, 190) }
```

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

```
.background{ background-color: rgb(198,  
225, 190) }
```

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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