

Converting Colors

XYZ(59.7297, 70.3189, 54.5116)

Have a look what the booklet for
XYZ(59.7297, 70.3189, 54.5116)
contains.

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Color

**XYZ(59.7272, 70.1876,
54.6556)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E2B6
RGB	201, 226, 182
RGB Percent	79%, 89%, 71%
CMY	0.2118, 0.1137, 0.2863
CMYK	0.11, 0.00, 0.19, 0.11
HSL	94°, 43%, 80%
HSV	94°, 19%, 89%
XYZ	59.7272, 70.1876, 54.6556
YIQ	213.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

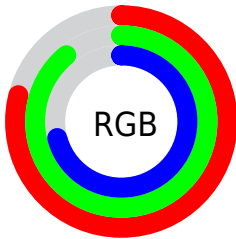
Format	Color
RYB	182, 226, 207
Decimal	13230774
CIELab	87.09, -16.08, 18.79
CIELCh	87, 24.733, 130.556
Yxy	70.1876, 0.3236, 0.3803
Android (android.graphics.Color)	4291420854 (0xFFC9E2B6)
YUV	213.5090, -15.5339, -10.9704
Hunter-Lab	83.7780, -19.3550, 19.9647

Details

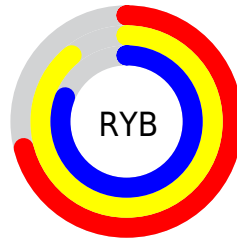
The XYZ color **59.7272, 70.1876, 54.6556** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.1905, 52.2143, 79.0721**, and the grayscale version is **63.6896, 67.0064, 72.9700**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **30.5580, 36.9138, 26.2834** is the 20% darker color. If you saturate the color by 10%, you get **54.2687, 67.6242, 43.1763**, and if you desaturate by 10%, it is **65.8551, 73.0567, 68.1368**.

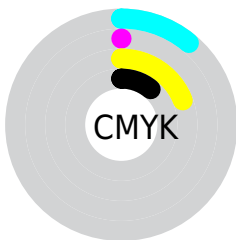
Distribution



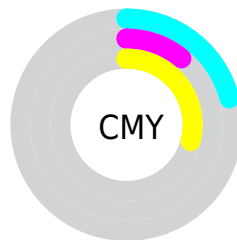
- Red (79%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7272, 70.1876, 54.6556 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 59.7272, 70.1876, 54.6556 by changing the saturation by 10% instead.


 59.7272, 70.1876,
54.6556

 59.7272, 70.1876,
54.6556


413.4424,
461.2084, 421.8502

 43.4474, 51.6795,
38.7293


 103.5424,
119.4762, 98.5023

 30.4324, 36.7497,
26.2430


131.8086,
151.0256, 127.2597

 20.3167, 25.0137,
16.7781


164.8009,
187.6908, 161.1313

 12.7351, 16.0873,
9.9161

202.8847,
229.8562, 200.5356

 7.3221, 9.5859,
5.2385

246.4254,
277.9063, 245.8910

 3.7125, 5.1253,
2.3267


295.7884,

 1.5408, 2.3210,

332.2254, 297.6163

0.7461

351.3389,
393.1980, 356.1298


 0.3533, 0.7848,
0.0000


 0.0000, 0.0000,
0.0000


 59.7272, 70.1876,
54.6556


 59.7272, 70.1876,
54.6556


 54.2687, 67.6242,
43.1763


 65.8551, 73.0567,
68.1368

 49.4490, 65.3465,
33.5990

 72.6705, 76.2327,
83.7043

 45.2430, 63.3460,
25.8219

 80.1976, 79.7282,
101.4433

 41.6219, 61.6103,
19.7320

 85.5272, 82.3803,
106.0010

■ 38.5537, 60.1257,
15.2035

■ 86.4878, 82.8756,
106.0459

■ 36.0031, 58.8770,
12.0930

■ 33.9290, 57.8468,
10.2305

■ 32.2695, 57.0093,
9.3375

■ 32.1895, 56.9689,
9.2995

Harmonies

Analogous

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



64.6911, 70.1876, 49.1538



59.7272, 70.1876, 54.6556



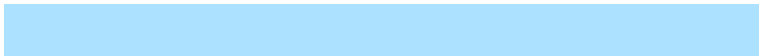
56.7485, 70.1876, 66.2867

Triad

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



59.7272, 70.1876, 54.6556



63.0713, 70.1876, 110.6264



78.2726, 70.1876, 70.7254

Complementary

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



59.7272, 70.1876, 54.6556



56.1905, 52.2143, 79.0721

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.



77.7766, 70.1876, 87.5419



59.7272, 70.1876, 54.6556



68.7729, 70.1876, 112.2718

Square

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



59.7272, 70.1876, 54.6556



58.6005, 70.1876, 99.0991



74.2195, 70.1876, 103.3145



75.5378, 70.1876, 57.4992

Rectangle

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



59.7272, 70.1876, 54.6556



56.1805, 70.1876, 76.7325



74.2195, 70.1876, 103.3145



78.4819, 70.1876, 76.1131

Sweetspot

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



59.7291, 70.1906, 54.6571



89.5571, 97.4416, 96.2926



62.1070, 64.1423, 53.3643



19.0453, 20.7989, 20.3300



0.0000, 0.0000, 0.0000



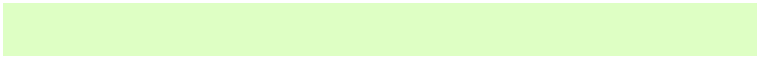
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7291, 70.1906, 54.6571



75.7877, 90.9994, 66.0039



55.2398, 67.8409, 56.0464



14.0872, 15.6251, 14.5803



18.4935, 32.5662, 5.3112



1.3830, 2.3094, 0.3729

Inverse Universe

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



56.1905, 52.2143, 79.0721



70.3987, 63.6276, 103.1787



61.4230, 54.9579, 77.2333



13.6938, 13.6257, 17.2960



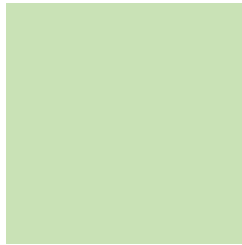
13.0851, 5.8409, 41.4861



1.0090, 0.4575, 2.8804

Previews

White Background



This preview shows how the XYZ color 59.7272, 70.1876, 54.6556 looks on a white background.

Color Contrast Check

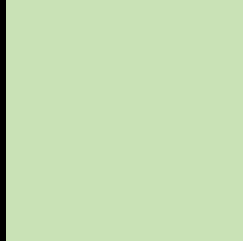
Large Text (above 18pt) WCAG AA × Fail

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 59.7272, 70.1876, 54.6556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

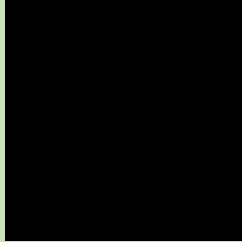
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7272, 70.1876, 54.6556

Background



This preview shows how black text looks on a background with the XYZ color 59.7272, 70.1876, 54.6556.

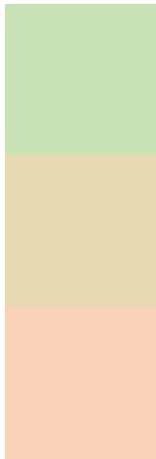


This preview shows how white text looks on a background with the XYZ color 59.7272, 70.1876,

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

59.7272, 70.1876, 54.6556

Protanopia

65.8037, 69.8290, 52.1296

Deuteranopia

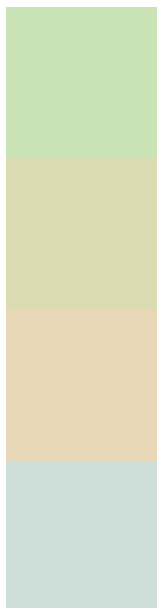
71.2279, 69.9200, 55.6407



Tritanopia

66.7663, 70.2745, 89.4022

Trichromacy



Original Color

59.7272, 70.1876, 54.6556

Protanomaly

63.2451, 69.6567, 52.7595

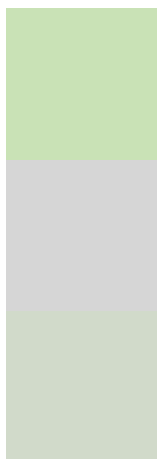
Deuteranomaly

66.4863, 69.7282, 55.3021

Tritanomaly

63.9695, 70.3222, 75.1677

Monochromacy



Original Color

59.7272, 70.1876, 54.6556

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.0266, 67.9624, 65.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7272, 70.1876, 54.6556 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, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 226, 182)  
}
```

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, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 226, 182) }
```

Border

The CSS property to change the border of an element to XYZ 59.7272, 70.1876, 54.6556 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, 226, 182) }
```


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

```
.border{ border-color:rgb(201, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(201, 226,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7272, 70.1876, 54.6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 226, 182) }
```

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

```
.background{ background-color: rgb(201,  
226, 182) }
```

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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