

Converting Colors

XYZ(59.8214, 71.1383, 53.6739)

Have a look what the booklet for
XYZ(59.8214, 71.1383, 53.6739)
contains.

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Color

**XYZ(59.8010, 71.0615,
53.7444)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E4B4
RGB	200, 228, 180
RGB Percent	78%, 89%, 71%
CMY	0.2157, 0.1059, 0.2941
CMYK	0.12, 0.00, 0.21, 0.11
HSL	95°, 47%, 80%
HSV	95°, 21%, 89%
XYZ	59.8010, 71.0615, 53.7444
YIQ	214.1560, -1.2800, -20.8640

Conversions

Conversions Part 2

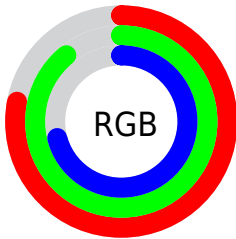
Format	Color
RYB	180, 228, 208
Decimal	13165748
CIELab	87.51, -17.74, 20.41
CIELCh	88, 27.046, 130.993
Yxy	71.0615, 0.3239, 0.3849
Android (android.graphics.Color)	4291355828 (0xFFC8E4B4)
YUV	214.1560, -16.8389, -12.4148
Hunter-Lab	84.2980, -20.8935, 21.2081

Details

The XYZ color **59.8010, 71.0615, 53.7444** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.3403, 51.6559, 80.4038**, and the grayscale version is **64.1336, 67.4736, 73.4787**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **30.6284, 37.5304, 25.7085** is the 20% darker color. If you saturate the color by 10%, you get **54.2678, 68.4578, 42.3420**, and if you desaturate by 10%, it is **66.0292, 73.9835, 67.1767**.

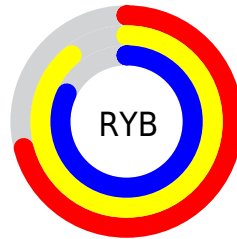
Distribution



Red (78%)

Green (89%)

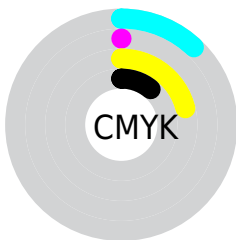
Blue (71%)



Red (71%)

Yellow (89%)

Blue (82%)

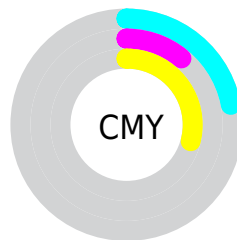


Cyan (12%)

Magenta (0%)

Yellow (21%)

Black (11%)



Cyan (22%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8010, 71.0615, 53.7444 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 59.8010, 71.0615, 53.7444 by changing the saturation by 10% instead.

■ 59.8010, 71.0615,
53.7444

■ 59.8010, 71.0615,
53.7444

413.7104,
464.2684, 418.2816

■ 43.5071, 52.3924,
38.0056

■ 103.6489,
120.7213, 97.1515

■ 30.4794, 37.3179,
25.6851

131.9337,
152.4808, 125.6568

■ 20.3527, 25.4538,
16.3646

164.9461,
189.3725, 159.2547

■ 12.7614, 16.4154,
9.6254

203.0515,
231.7808, 198.3637

■ 7.3403, 9.8186,
5.0489

246.6153,
280.0902, 243.4023

■ 3.7240, 5.2789,
2.2168

296.0028,

■ 1.5472, 2.4118,

334.6850, 294.7892

0.6840

351.5794,
395.9496, 352.9427

■ 0.3576, 0.8319,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8010, 71.0615,
53.7444

■ 59.8010, 71.0615,
53.7444

■ 54.2678, 68.4578,
42.3420

■ 66.0292, 73.9835,
67.1767

■ 49.3976, 66.1518,
32.8662

■ 72.9717, 77.2255,
82.7262

■ 45.1636, 64.1342,
25.2116

■ 80.6540, 80.8009,
100.4808

■ 41.5354, 62.3917,
19.2608

■ 86.3784, 83.6313,
106.1976

■ 38.4790, 60.9098,
14.8829

■ 87.0349, 83.9698,
106.2283

■ 35.9568, 59.6724,
11.9275

■ 33.9248, 58.6606,
10.2152

■ 32.4631, 57.9221,
9.4691

Harmonies

Analogous

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



65.2266, 71.0615, 47.7253



59.8010, 71.0615, 53.7444



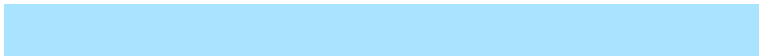
56.5818, 71.0615, 66.4737

Triad

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



59.8010, 71.0615, 53.7444



63.6201, 71.0615, 115.6252



80.3307, 71.0615, 70.8581

Complementary

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



59.8010, 71.0615, 53.7444



56.3403, 51.6559, 80.4038

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.



79.8330, 71.0615, 89.4049



59.8010, 71.0615, 53.7444



69.9112, 71.0615, 117.2962

Square

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



59.8010, 71.0615, 53.7444



58.6888, 71.0615, 102.8181



75.9234, 71.0615, 107.0772



77.2432, 71.0615, 56.5172

Rectangle

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



59.8010, 71.0615, 53.7444



55.9904, 71.0615, 77.9852



75.9234, 71.0615, 107.0772



80.5818, 71.0615, 76.7658

Sweetspot

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



59.8029, 71.0646, 53.7459



89.4757, 97.3997, 96.2888



62.7919, 64.9039, 52.3993



19.0260, 20.7890, 20.3291



0.0000, 0.0000, 0.0000



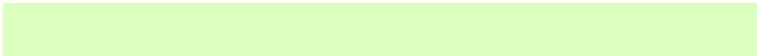
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8029, 71.0646, 53.7459



74.0478, 90.1686, 62.9361



55.2197, 68.6541, 55.6898



14.7554, 16.3810, 15.2886



18.8723, 33.5105, 5.4735



1.4983, 2.5298, 0.4093

Inverse Universe

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



56.3403, 51.6559, 80.4038



68.8704, 61.1570, 102.7824



61.7735, 54.5203, 77.7923



14.3844, 14.3004, 18.1464



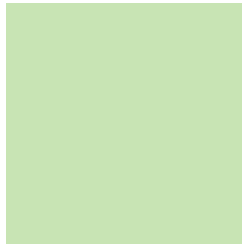
13.8108, 6.1856, 42.8492



1.1258, 0.5113, 3.1713

Previews

White Background



This preview shows how the XYZ color 59.8010, 71.0615, 53.7444 looks on a white background.

Color Contrast Check

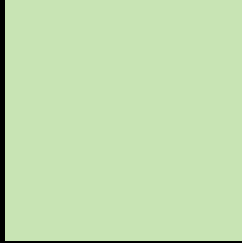
Large Text (above 18pt) WCAG AA × Fail

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 59.8010, 71.0615, 53.7444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

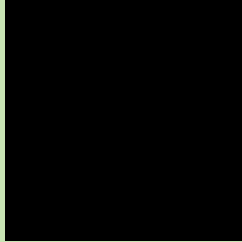
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

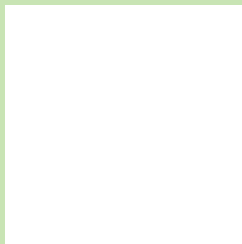
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8010, 71.0615, 53.7444

Background



This preview shows how black text looks on a background with the XYZ color 59.8010, 71.0615, 53.7444.



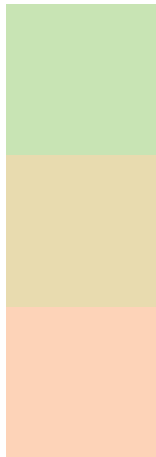
This preview shows how white text looks on a background with the XYZ color 59.8010, 71.0615,

53.7444.

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

59.8010, 71.0615, 53.7444

Protanopia

66.3481, 70.9140, 50.7483

Deuteranopia

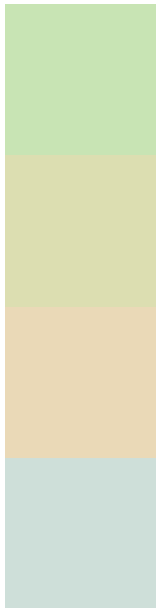
72.4540, 70.9319, 55.2199



Tritanopia

67.3203, 70.9148, 91.0287

Trichromacy



Original Color

59.8010, 71.0615, 53.7444

Protanomaly

63.5723, 70.6325, 51.8778

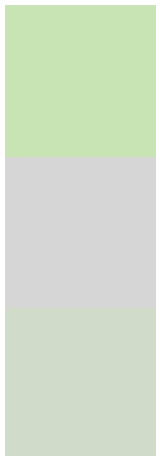
Deuteranomaly

67.2918, 70.5370, 54.8681

Tritanomaly

64.3657, 70.9069, 75.9396

Monochromacy



Original Color

59.8010, 71.0615, 53.7444

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2867, 68.4826, 65.8127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8010, 71.0615, 53.7444 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, 228, 180)` looks like.

```
.text, #text, p{  
    color:rgb(200, 228, 180)  
}
```

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, 228, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 228, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.8010, 71.0615, 53.7444 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, 228, 180) }
```


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

```
.border{ border-color:rgb(200, 228, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 228, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 228, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 228, 180);  
box-shadow:4px 4px 4px 4px rgb(200, 228,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8010, 71.0615, 53.7444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 228, 180) }
```

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

```
.background{ background-color: rgb(200,  
228, 180) }
```

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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