

Converting Colors

XYZ(59.6414, 69.9180, 51.6700)

Have a look what the booklet for
XYZ(59.6414, 69.9180, 51.6700)
contains.

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Color

**XYZ(59.3903, 69.6815,
51.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE1B0
RGB	203, 225, 176
RGB Percent	80%, 88%, 69%
CMY	0.2039, 0.1176, 0.3098
CMYK	0.10, 0.00, 0.22, 0.12
HSL	87°, 45%, 79%
HSV	87°, 22%, 88%
XYZ	59.3903, 69.6815, 51.3940
YIQ	212.8360, 2.6170, -19.9030

Conversions

Conversions Part 2

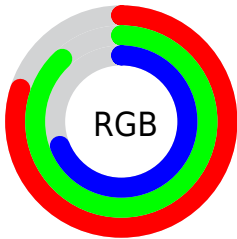
Format	Color
RYB	176, 225, 198
Decimal	13361584
CIELab	86.84, -15.82, 21.59
CIELCh	87, 26.764, 126.228
Yxy	69.6815, 0.3291, 0.3861
Android (android.graphics.Color)	4291551664 (0xFFCBE1B0)
YUV	212.8360, -18.1601, -8.6262
Hunter-Lab	83.4754, -19.0846, 21.9293

Details

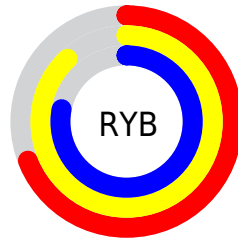
The XYZ color **59.3903, 69.6815, 51.3940** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4074, 48.4946, 77.8361**, and the grayscale version is **63.2541, 66.5483, 72.4711**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **30.3443, 36.5691, 24.1981** is the 20% darker color. If you saturate the color by 10%, you get **54.6840, 67.4937, 40.5001**, and if you desaturate by 10%, it is **64.6486, 72.1154, 64.2428**.

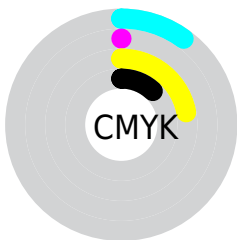
Distribution



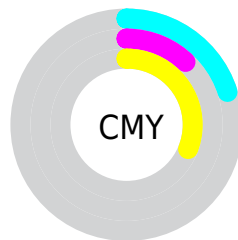
- Red (80%)
- Green (88%)
- Blue (69%)



- Red (69%)
- Yellow (88%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)





- Cyan (20%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3903, 69.6815, 51.3940 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 59.3903, 69.6815, 51.3940 by changing the saturation by 10% instead.


 59.3903, 69.6815,
51.3940

 59.3903, 69.6815,
51.3940


412.2176,
459.4309, 408.9828

 43.1750, 51.2669,
36.1434


 103.0561,
118.7544, 93.6544

 30.2175, 36.4211,
24.2544


131.2373,
150.1816, 121.5012

 20.1527, 24.7596,
15.3085


164.1378,
186.7151, 154.3838

 12.6150, 15.8980,
8.8871

202.1230,
228.7392, 192.7207

 7.2391, 9.4520,
4.5718

245.5582,
276.6385, 236.9306

 3.6597, 5.0372,
1.9440


294.8088,

 1.5115, 2.2691,


330.7973, 287.4318


0.5205


350.2402,
391.5999, 344.6431

 0.3336, 0.7573,
0.0000


 0.0000, 0.0000,
0.0000


 59.3903, 69.6815,
51.3940


 59.3903, 69.6815,
51.3940


 54.6840, 67.4937,
40.5001


 64.6486, 72.1154,
64.2428


 50.5028, 65.5340,
31.4606

 70.4738, 74.7949,
79.1312

 46.8252, 63.7956,
24.1732

 76.8866, 77.7309,
96.1445

 43.6260, 62.2681,
18.5237

 82.0823, 80.2019,
105.7621

■ 40.8773, 60.9398,
14.3842

■ 85.6738, 82.0534,
105.9301

■ 38.5474, 59.7977,
11.6082

■ 86.2166, 82.3332,
105.9555

■ 36.5988, 58.8263,
10.0195

■ 35.2343, 58.1360,
9.3643

Harmonies

Analogous

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



64.9373, 69.6815, 46.5856



59.3903, 69.6815, 51.3940



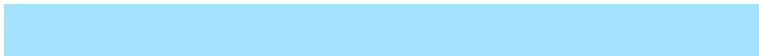
55.8470, 69.6815, 62.8474

Triad

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



59.3903, 69.6815, 51.3940



61.5111, 69.6815, 111.8566



78.8860, 69.6815, 72.2050

Complementary

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



59.3903, 69.6815, 51.3940



52.4074, 48.4946, 77.8361

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.



77.8266, 69.6815, 90.5806



59.3903, 69.6815, 51.3940



67.5401, 69.6815, 115.4069

Square

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



59.3903, 69.6815, 51.3940



57.0166, 69.6815, 98.0413



73.5760, 69.6815, 107.0980



76.3864, 69.6815, 57.3240

Rectangle

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



59.3903, 69.6815, 51.3940



54.9664, 69.6815, 73.6332



73.5760, 69.6815, 107.0980



78.9363, 69.6815, 78.1543

Sweetspot

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



59.3921, 69.6845, 51.3955



89.4204, 97.4146, 94.3256



58.9097, 59.1832, 49.3940



19.0396, 20.8047, 19.9345



0.0000, 0.0000, 0.0000



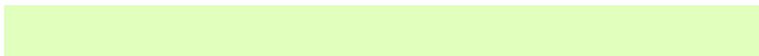
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3921, 69.6845, 51.3955



76.0355, 91.2254, 61.5743



53.4159, 66.6037, 51.1158



14.2471, 15.7076, 14.5877



20.4391, 33.5692, 5.4023



1.5194, 2.3798, 0.3793

Inverse Universe

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



52.4074, 48.4946, 77.8361



65.2377, 58.4644, 102.4541



59.1612, 51.9763, 78.1522



13.5335, 13.5431, 17.2885



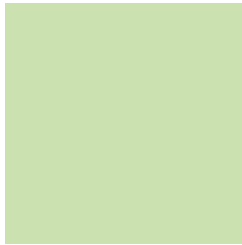
11.0567, 4.7952, 41.3912



0.8684, 0.3849, 2.8738

Previews

White Background



This preview shows how the XYZ color 59.3903, 69.6815, 51.3940 looks on a white background.

Color Contrast Check

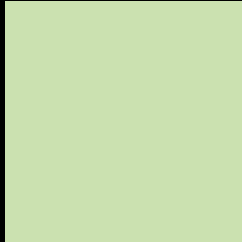
Large Text (above 18pt) WCAG AA × Fail

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 59.3903, 69.6815, 51.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

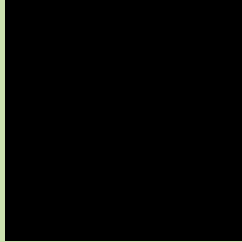
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3903, 69.6815, 51.3940

Background



This preview shows how black text looks on a background with the XYZ color 59.3903, 69.6815, 51.3940.



This preview shows how white text looks on a background with the XYZ color 59.3903, 69.6815,

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

59.3903, 69.6815, 51.3940

Protanopia

65.2142, 69.5932, 49.0254

Deuteranopia

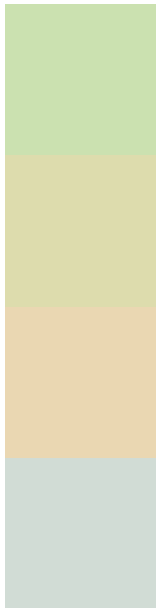
70.7208, 69.3648, 52.3092



Tritanopia

66.8155, 69.5633, 87.7474

Trichromacy



Original Color

59.3903, 69.6815, 51.3940

Protanomaly

62.9548, 69.5757, 49.6465

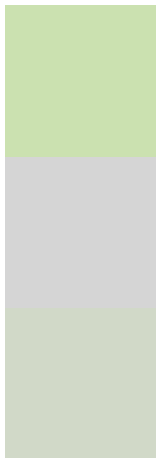
Deuteranomaly

66.2680, 69.3077, 52.0045

Tritanomaly

63.8979, 69.5458, 73.0067

Monochromacy



Original Color

59.3903, 69.6815, 51.3940

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5327, 67.3511, 64.4005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3903, 69.6815, 51.3940 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(203, 225, 176)` looks like.

```
.text, #text, p{  
    color:rgb(203, 225, 176)  
}
```

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(203, 225, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 225, 176) }
```

Border

The CSS property to change the border of an element to XYZ 59.3903, 69.6815, 51.3940 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(203, 225, 176) }
```


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

```
.border{ border-color:rgb(203, 225, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 225, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 225, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 225, 176);  
box-shadow:4px 4px 4px 4px rgb(203, 225,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3903, 69.6815, 51.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 225, 176) }
```

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

```
.background{ background-color: rgb(203,  
225, 176) }
```

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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