

Converting Colors

XYZ(41.9133, 61.2853, 59.4894)

Have a look what the booklet for
XYZ(41.9133, 61.2853, 59.4894)
contains.

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Color

**XYZ(41.9133, 61.2853,
59.4894)**

Conversions

Conversions Part 1

Format	Color
Hex	61E3C0
RGB	97, 227, 192
RGB Percent	38%, 89%, 75%
CMY	0.6196, 0.1098, 0.2471
CMYK	0.57, 0.00, 0.15, 0.11
HSL	164°, 70%, 64%
HSV	164°, 57%, 89%
XYZ	41.9133, 61.2853, 59.4894
YIQ	184.1400, -66.2450, -38.4450

Conversions

Conversions Part 2

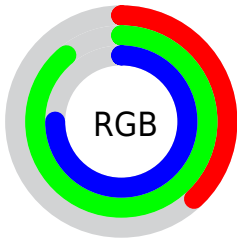
Format	Color
RYB	97, 172, 227
Decimal	6415296
CIELab	82.53, -44.13, 6.38
CIElCh	83, 44.589, 171.773
Yxy	61.2853, 0.2576, 0.3767
Android (android.graphics.Color)	4284605376 (0xFF61E3C0)
YUV	184.1400, 3.8750, -76.4218
Hunter-Lab	78.2849, -41.4308, 9.7445

Details

The XYZ color **41.9133, 61.2853, 59.4894** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.1202, 26.5479, 24.8418**, and the grayscale version is **45.6444, 48.0214, 52.2953**.

A 20% lighter version of the original color is **66.6079, 85.4654, 101.7928**, and **19.4543, 31.1091, 29.4054** is the 20% darker color. If you saturate the color by 10%, you get **39.1689, 59.9487, 55.8998**, and if you desaturate by 10%, it is **45.3812, 62.9947, 63.2623**.

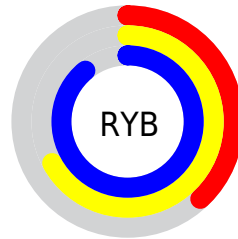
Distribution



Red (38%)

Green (89%)

Blue (75%)



Red (38%)

Yellow (67%)

Blue (89%)

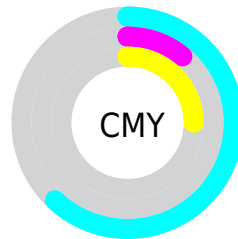


Cyan (57%)

Magenta (0%)

Yellow (15%)

Black (11%)



Cyan (62%)


Magenta (11%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9133, 61.2853, 59.4894 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 41.9133, 61.2853, 59.4894 by changing the saturation by 10% instead.

 41.9133, 61.2853,
59.4894


 41.9133, 61.2853,
59.4894


345.1212,
429.3193, 440.4654


 29.2242, 44.4555,
42.5846


 77.3344, 106.6919,
105.6247


 19.3956, 31.0287,
29.2303

 100.7971,
136.0375, 135.6923

 12.0622, 20.6207,
19.0081


 128.5817,
170.3237, 170.9847

 6.8586, 12.8470,
11.4992

 161.0536,
209.9351, 211.9202

 3.4193, 7.3233,
6.2853

198.5782,
255.2559, 258.9175

 1.3792, 3.6651,
2.9478

241.5207,

 0.2413, 1.4880,

306.6707, 312.3951

1.0680

290.2466,
364.5636, 372.7716

■ 0.0000, 0.2803,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.9133, 61.2853,
59.4894

■ 41.9133, 61.2853,
59.4894

■ 39.1689, 59.9487,
55.8998

■ 45.3812, 62.9947,
63.2623

■ 37.0816, 58.9461,
52.4848


■ 49.6213, 65.0974,
67.2186


■ 35.5815, 58.2430,
49.2405


■ 54.6842, 67.6209,
71.3637


■ 34.5741, 57.7908,
46.1607

■ 60.6144, 70.5882,
75.7013


 34.3424, 57.6891,
45.3455

 67.4532, 74.0204,
80.2350

 75.2394, 77.9377,
84.9682

 83.6746, 82.1860,
89.8886

 84.5721, 82.5450,
94.6146

 85.5002, 82.9162,
99.5019

Harmonies

Analogous

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



44.9933, 61.2853, 39.2110



41.9133, 61.2853, 59.4894



42.8191, 61.2853, 88.1785

Triad

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



41.9133, 61.2853, 59.4894



65.3237, 61.2853, 128.3847



70.3559, 61.2853, 33.3785

Complementary

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



41.9133, 61.2853, 59.4894



40.1202, 26.5479, 24.8418

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.



77.0029, 61.2853, 49.0751



41.9133, 61.2853, 59.4894



73.8838, 61.2853, 104.8086

Square

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



41.9133, 61.2853, 59.4894



55.6638, 61.2853, 133.4109



78.3599, 61.2853, 74.5339



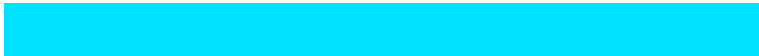
60.9148, 61.2853, 27.0654

Rectangle

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



41.9133, 61.2853, 59.4894



45.6104, 61.2853, 108.2102



78.3599, 61.2853, 74.5339



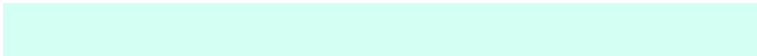
73.0320, 61.2853, 37.4894

Sweetspot

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



41.9150, 61.2877, 59.4908



79.0379, 91.9560, 98.6376



39.4337, 60.8584, 20.9789



16.5624, 19.5045, 20.8636



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.



41.9150, 61.2877, 59.4908



50.3278, 77.7201, 71.7824



39.1819, 48.8599, 80.0416



14.6331, 16.2667, 17.5988



20.0789, 33.6637, 26.7135



1.5220, 2.5029, 2.1753

Inverse Universe

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



40.1202, 26.5479, 24.8418



47.8329, 28.3765, 22.8386



41.1929, 31.9053, 15.2976



14.5356, 14.4314, 15.7547



19.0098, 9.7381, 3.6806



1.4427, 0.7348, 0.4718

Previews

White Background



This preview shows how the XYZ color 41.9133, 61.2853, 59.4894 looks on a white background.

Color Contrast Check

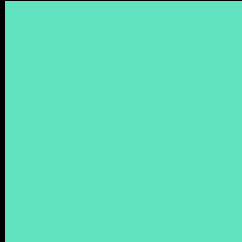
Large Text (above 18pt) WCAG AA × Fail

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 41.9133, 61.2853, 59.4894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

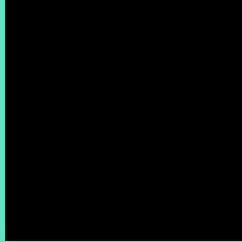
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

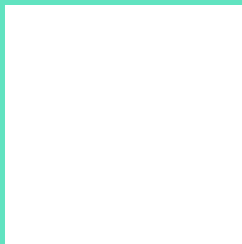
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9133, 61.2853, 59.4894

Background



This preview shows how black text looks on a background with the XYZ color 41.9133, 61.2853, 59.4894.

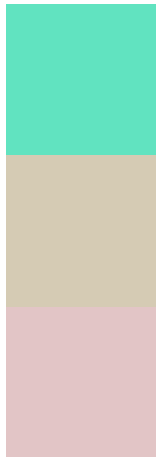


This preview shows how white text looks on a background with the XYZ color 41.9133, 61.2853,

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

41.9133, 61.2853, 59.4894

Protanopia

57.0347, 60.1533, 51.7847

Deuteranopia

61.5233, 60.1785, 61.7991



Tritanopia

48.0991, 61.3967, 90.2046

Trichromacy



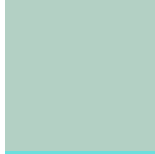
Original Color

41.9133, 61.2853, 59.4894



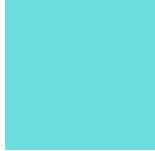
Protanomaly

48.9898, 59.2056, 54.1932



Deuteranomaly

51.1101, 58.6810, 60.8573



Tritanomaly

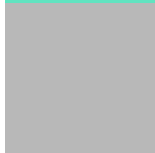
45.5022, 61.1216, 77.8060

Monochromacy



Original Color

41.9133, 61.2853, 59.4894



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.5728, 51.5718, 54.7242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9133, 61.2853, 59.4894 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(97, 227, 192)` looks like.

```
.text, #text, p{  
    color:rgb(97, 227, 192)  
}
```

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(97, 227, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 227, 192) }
```

Border

The CSS property to change the border of an element to XYZ 41.9133, 61.2853, 59.4894 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(97, 227, 192) }
```


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

```
.border{ border-color:rgb(97, 227, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 227, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 227, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 227, 192);  
box-shadow:4px 4px 4px 4px rgb(97, 227,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9133, 61.2853, 59.4894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 227, 192) }
```

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

```
.background{ background-color: rgb(97, 227,  
192) }
```

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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