

Converting Colors

XYZ(27.0423, 41.7028, 37.3981)

Have a look what the booklet for
XYZ(27.0423, 41.7028, 37.3981)
contains.

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Color

**XYZ(26.8893, 41.4972,
37.1644)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC19A
RGB	62, 193, 154
RGB Percent	24%, 76%, 60%
CMY	0.7568, 0.2431, 0.3961
CMYK	0.68, 0.00, 0.20, 0.24
HSL	162°, 51%, 50%
HSV	162°, 68%, 76%
XYZ	26.8893, 41.4972, 37.1644
YIQ	149.3850, -65.5570, -39.9010

Conversions

Conversions Part 2

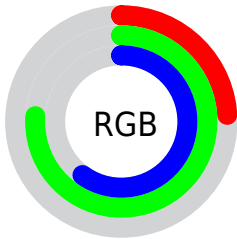
Format	Color
RYB	62, 139, 193
Decimal	4112794
CIELab	70.52, -44.71, 9.41
CIElCh	71, 45.688, 168.120
Yxy	41.4972, 0.2548, 0.3931
Android (android.graphics.Color)	4282302874 (0xFF3EC19A)
YUV	149.3850, 2.2752, -76.6366
Hunter-Lab	64.4183, -38.2231, 10.8871

Details

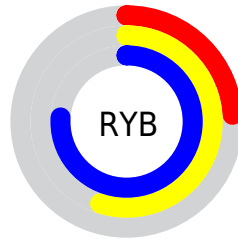
The XYZ color **26.8893, 41.4972, 37.1644** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **26.0653, 15.7233, 13.9745**, and the grayscale version is **28.7408, 30.2376, 32.9288**.

A 20% lighter version of the original color is **54.0282, 77.2853, 71.7445**, and **11.5367, 19.1562, 15.9214** is the 20% darker color. If you saturate the color by 10%, you get **25.4201, 40.7948, 34.6575**, and if you desaturate by 10%, it is **28.8133, 42.4335, 39.8140**.

Distribution



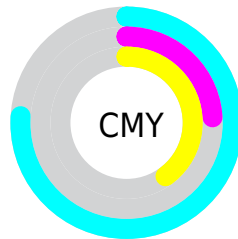
- Red (24%)
- Green (76%)
- Blue (60%)



- Red (24%)
- Yellow (55%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8893, 41.4972, 37.1644 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 26.8893, 41.4972, 37.1644 by changing the saturation by 10% instead.

■ 26.8893, 41.4972,
37.1644

■ 26.8893, 41.4972,
37.1644

279.2981,
352.3944, 349.2118

■ 17.6263, 28.7078,
25.0380

■ 54.1273, 77.4381,
72.0147

■ 10.7801, 18.8599,
15.8861

■ 72.8330, 101.3584,
95.5757

■ 5.9853, 11.5691,
9.2901

■ 95.4170, 129.7577,
123.7854

■ 2.8767, 6.4510,
4.8315

■ 122.2445,
163.0205, 157.0622

■ 1.0889, 3.1212,
2.0917

■ 153.6811,
201.5312, 195.8247

■ 0.0158, 1.1953,
0.6108

190.0919,

■ 0.0000, 0.0579,

245.6741, 240.4914

0.0000

231.8425,
295.8337, 291.4810

■ 0.0000, 0.0000,
0.0000

■ 26.8893, 41.4972,
37.1644

■ 26.8893, 41.4972,
37.1644

■ 25.4201, 40.7948,
34.6575

■ 28.8133, 42.4335,
39.8140

■ 24.3542, 40.2967,
32.2866

■ 31.2300, 43.6200,
42.6070

■ 23.6204, 39.9672,
30.0474

■ 34.1769, 45.0772,
45.5477

■ 23.4821, 39.9060,
29.5871

■ 37.6870, 46.8219,
48.6391

■ 41.7904, 48.8697,
51.8842

■ 46.5152, 51.2350,
55.2857

■ 51.8874, 53.9313,
58.8465

■ 57.9319, 56.9712,
62.5691

■ 64.6719, 60.3667,
66.4560

Harmonies

Analogous

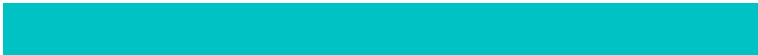
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.6037, 41.4972, 22.7494



26.8893, 41.4972, 37.1644



27.2068, 41.4972, 59.3633

Triad

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



26.8893, 41.4972, 37.1644



44.1240, 41.4972, 97.2381



49.9318, 41.4972, 20.7867

Complementary

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



26.8893, 41.4972, 37.1644



26.0653, 15.7233, 13.9745

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.



54.8849, 41.4972, 33.4631



26.8893, 41.4972, 37.1644



51.2488, 41.4972, 78.9500

Square

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



26.8893, 41.4972, 37.1644



36.5323, 41.4972, 99.2005



55.3955, 41.4972, 54.2801



42.5019, 41.4972, 15.5175

Rectangle

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



26.8893, 41.4972, 37.1644



29.1016, 41.4972, 75.9609



55.3955, 41.4972, 54.2801



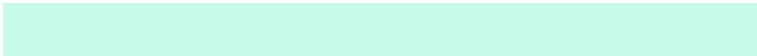
51.9803, 41.4972, 24.0960

Sweetspot

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



26.8904, 41.4988, 37.1654



72.9508, 86.5767, 91.4783



25.3412, 41.2735, 11.1890



15.1963, 18.3469, 19.2700



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.8904, 41.4988, 37.1654



44.6035, 72.6267, 60.1737



25.3956, 32.4402, 55.3771



10.2366, 11.3757, 12.2494



15.6543, 26.5558, 19.8706



0.7055, 1.1591, 1.0120

Inverse Universe

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



26.0653, 15.7233, 13.9745



43.1176, 23.4545, 16.3713



26.3693, 18.6987, 6.7774



10.1938, 10.1261, 11.1113



15.1575, 7.7527, 3.4754



0.6861, 0.3474, 0.3143

Previews

White Background



This preview shows how the XYZ color 26.8893, 41.4972, 37.1644 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 26.8893, 41.4972, 37.1644 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 26.8893, 41.4972, 37.1644

Background



This preview shows how black text looks on a background with the XYZ color 26.8893, 41.4972, 37.1644.

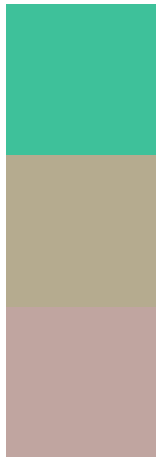


This preview shows how white text looks on a background with the XYZ color 26.8893, 41.4972,

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

26.8893, 41.4972, 37.1644

Protanopia

38.5769, 40.9327, 31.8542

Deuteranopia

41.5385, 40.6548, 38.9156



Tritanopia

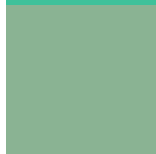
31.9983, 41.6439, 62.2287

Trichromacy



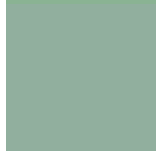
Original Color

26.8893, 41.4972, 37.1644



Protanomaly

31.8678, 39.7501, 33.5967



Deuteranomaly

33.1786, 39.1483, 38.1554



Tritanomaly

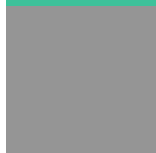
29.8562, 41.3938, 52.3152

Monochromacy



Original Color

26.8893, 41.4972, 37.1644



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.3772, 32.9265, 34.2434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8893, 41.4972, 37.1644 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(62, 193, 154)` looks like.

```
.text, #text, p{  
    color:rgb(62, 193, 154)  
}
```

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(62, 193, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 193, 154) }
```

Border

The CSS property to change the border of an element to XYZ 26.8893, 41.4972, 37.1644 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(62, 193, 154) }
```


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

```
.border{ border-color:rgb(62, 193, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 193, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 193, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 193, 154);  
box-shadow:4px 4px 4px 4px rgb(62, 193,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8893, 41.4972, 37.1644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 193, 154) }
```

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

```
.background{ background-color: rgb(62, 193,  
154) }
```

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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