

Converting Colors

XYZ(23.8630, 41.2602, 39.6747)

Have a look what the booklet for
XYZ(23.8630, 41.2602, 39.6747)
contains.

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Color

**XYZ(26.2243, 42.4357,
39.6096)**

Conversions

Conversions Part 1

Format	Color
Hex	00C59F
RGB	0, 197, 159
RGB Percent	0%, 77%, 62%
CMY	0.9999, 0.2274, 0.3765
CMYK	1.00, 0.00, 0.19, 0.23
HSL	168°, 100%, 39%
HSV	168°, 100%, 77%
XYZ	26.2243, 42.4357, 39.6096
YIQ	133.7650, -105.2140, -53.5820

Conversions

Conversions Part 2

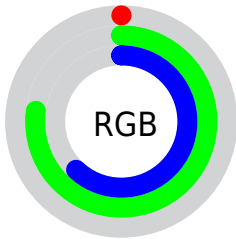
Format	Color
RYB	0, 109, 197
Decimal	50591
CIELab	71.17, -50.23, 7.52
CIELCh	71, 50.788, 171.484
Yxy	42.4357, 0.2422, 0.3919
Android (android.graphics.Color)	4278240671 (0xFF00C59F)
YUV	133.7650, 12.4409, -117.3119
Hunter-Lab	65.1427, -42.1415, 9.5490

Details

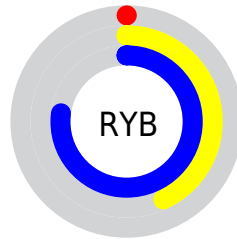
The XYZ color **26.2243, 42.4357, 39.6096** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.3775, 12.0116, 2.9229**, and the grayscale version is **22.5612, 23.7361, 25.8486**.

A 20% lighter version of the original color is **53.2644, 79.1417, 76.0869**, and **12.3798, 20.4287, 17.4780** is the 20% darker color. If you saturate the color by 10%, you get **26.2246, 42.4369, 39.6078**, and if you desaturate by 10%, it is **26.8432, 42.7171, 41.3880**.

Distribution



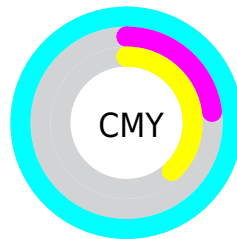
- Red (0%)
- Green (77%)
- Blue (62%)



- Red (0%)
- Yellow (43%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2243, 42.4357, 39.6096 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 26.2243, 42.4357, 39.6096 by changing the saturation by 10% instead.

■ 26.2243, 42.4357,
39.6096

■ 26.2243, 42.4357,
39.6096

276.1180,
356.2859, 359.9784

■ 17.1251, 29.4426,
26.9228

■ 53.0653, 78.8586,
75.7992

■ 10.4196, 19.4159,
17.2833

■ 71.5378, 103.0572,
100.1392

■ 5.7424, 11.9712,
10.2726

■ 93.8654, 131.7598,
129.2006

■ 2.7283, 6.7241,
5.4721

■ 120.4135,
165.3507, 163.4020

■ 1.0117, 3.2901,
2.4633

■ 151.5475,
204.2144, 203.1619

■ 0.0000, 1.2850,
0.8206

187.6326,

■ 0.0000, 0.1296,

248.7352, 248.8989

0.0000

229.0343,
299.2976, 301.0316

■ 0.0000, 0.0000,
0.0000

■ 26.2243, 42.4357,
39.6096

■ 26.2243, 42.4357,
39.6096

■ 26.2246, 42.4369,
39.6078

■ 26.8432, 42.7171,
41.3880

■ 27.7585, 43.1491,
43.2327

■ 29.0724, 43.7853,
45.1500

■ 30.8375, 44.6530,
47.1426

■ 33.0981, 45.7749,
49.2133

■ 35.8934, 47.1712,
51.3642

■ 39.2584, 48.8600,
53.5973

■ 43.2252, 50.8578,
55.9147

■ 47.8236, 53.1799,
58.3182

Harmonies

Analogous

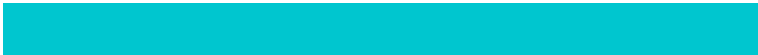
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.8423, 42.4357, 22.7429



26.2243, 42.4357, 39.6096



26.9484, 42.4357, 65.5711

Triad

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



26.2243, 42.4357, 39.6096



46.6254, 42.4357, 104.9357



51.4008, 42.4357, 18.3911

Complementary

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



26.2243, 42.4357, 39.6096



23.3775, 12.0116, 2.9229

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.



57.5480, 42.4357, 31.0857



26.2243, 42.4357, 39.6096



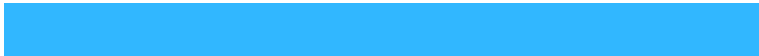
54.5324, 42.4357, 81.9450

Square

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



26.2243, 42.4357, 39.6096



37.9598, 42.4357, 109.7377



58.7681, 42.4357, 53.4953



42.8049, 42.4357, 13.6370

Rectangle

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



26.2243, 42.4357, 39.6096



29.2798, 42.4357, 84.6975



58.7681, 42.4357, 53.4953



53.8695, 42.4357, 21.6041

Sweetspot

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



26.2255, 42.4373, 39.6106



69.9990, 87.3498, 95.7967



20.8200, 40.3736, 6.6965



14.4076, 18.4076, 20.1347



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.



26.2255, 42.4373, 39.6106



46.8767, 75.9667, 70.4596



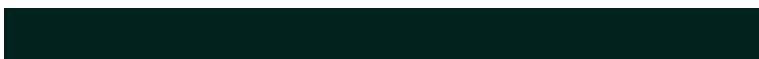
19.1546, 22.1832, 56.0974



10.8556, 12.0311, 13.1897



17.2780, 27.9236, 26.2065



0.8413, 1.3315, 1.3629

Inverse Universe

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



23.3775, 12.0116, 2.9229



41.7985, 21.4834, 4.8712



24.5972, 15.0114, 1.6020



10.7161, 10.6698, 11.4883



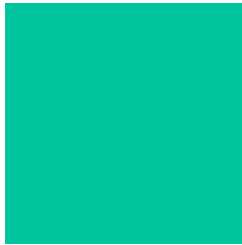
15.3990, 7.9092, 2.0452



0.7549, 0.3848, 0.2323

Previews

White Background



This preview shows how the XYZ color 26.2243, 42.4357, 39.6096 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 26.2243, 42.4357, 39.6096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

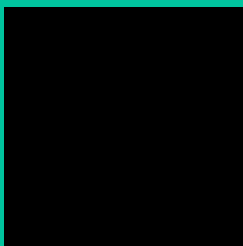
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

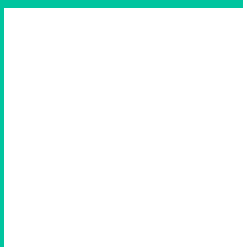
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2243, 42.4357, 39.6096

Background



This preview shows how black text looks on a background with the XYZ color 26.2243, 42.4357, 39.6096.



This preview shows how white text looks on a background with the XYZ color 26.2243, 42.4357,

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

26.2243, 42.4357, 39.6096

Protanopia

39.2322, 41.5255, 33.1416

Deuteranopia

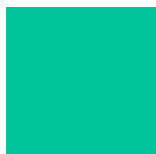
42.4399, 41.5971, 41.8686



Tritanopia

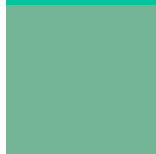
31.5750, 42.6476, 64.9602

Trichromacy



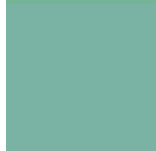
Original Color

26.2243, 42.4357, 39.6096



Protanomaly

29.3122, 38.9951, 35.2600



Deuteranomaly

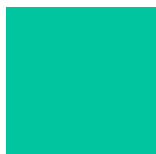
30.5573, 38.6227, 40.4947



Tritanomaly

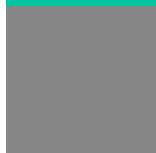
29.0546, 42.2261, 54.7632

Monochromacy



Original Color

26.2243, 42.4357, 39.6096



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.7612, 28.0284, 30.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2243, 42.4357, 39.6096 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(0, 197, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 159)  
}
```

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(0, 197, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.2243, 42.4357, 39.6096 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(0, 197, 159) }
```


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

```
.border{ border-color:rgb(0, 197, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2243, 42.4357, 39.6096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 159) }
```

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

```
.background{ background-color: rgb(0, 197,  
159) }
```

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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