

Converting Colors

XYZ(26.4858, 43.0898, 35.9314)

Have a look what the booklet for
XYZ(26.4858, 43.0898, 35.9314)
contains.

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Color

**XYZ(26.3922, 42.9475,
35.7528)**

Conversions

Conversions Part 1

Format	Color
Hex	23C696
RGB	35, 198, 150
RGB Percent	14%, 78%, 59%
CMY	0.8627, 0.2235, 0.4118
CMYK	0.82, 0.00, 0.24, 0.22
HSL	162°, 70%, 46%
HSV	162°, 82%, 78%
XYZ	26.3922, 42.9475, 35.7528
YIQ	143.7910, -81.7400, -49.4840

Conversions

Conversions Part 2

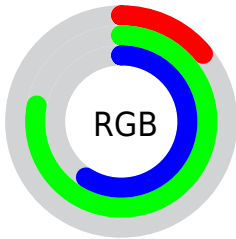
Format	Color
RYB	35, 131, 198
Decimal	2344598
CIELab	71.52, -51.04, 12.92
CIELCh	72, 52.649, 165.799
Yxy	42.9475, 0.2511, 0.4087
Android (android.graphics.Color)	4280534678 (0xFF23C696)
YUV	143.7910, 3.0610, -95.4097
Hunter-Lab	65.5343, -42.7990, 13.5279

Details

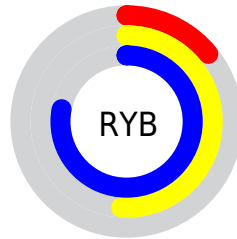
The XYZ color **26.3922, 42.9475, 35.7528** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **25.4525, 13.8334, 9.5140**, and the grayscale version is **26.4382, 27.8150, 30.2906**.

A 20% lighter version of the original color is **53.0895, 79.1946, 69.6147**, and **12.0746, 20.5458, 15.1337** is the 20% darker color. If you saturate the color by 10%, you get **25.4423, 42.5118, 33.3186**, and if you desaturate by 10%, it is **27.7464, 43.5911, 38.3298**.

Distribution



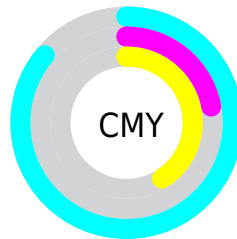
- Red (14%)
- Green (78%)
- Blue (59%)



- Red (14%)
- Yellow (51%)
- Blue (78%)



- Cyan (82%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)





- Cyan (86%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3922, 42.9475, 35.7528 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 26.3922, 42.9475, 35.7528 by changing the saturation by 10% instead.


 26.3922, 42.9475,
35.7528


 26.3922, 42.9475,
35.7528


276.9236,
358.3958, 342.8835


 17.2515, 29.8439,
23.9552


 53.3338, 79.6316,
69.8151

 10.5104, 19.7202,
15.0885


 71.8654, 103.9810,
92.9168


 5.8035, 12.1918,
8.7342


 94.2580, 132.8477,
120.6237

 2.7655, 6.8744,
4.4738

 120.8770,
166.6162, 153.3542

 1.0310, 3.3837,
1.8887

 152.0877,
205.6709, 191.5268

 0.0000, 1.3352,
0.4855

188.2554,

 0.0000, 0.1682,

250.3961, 235.5603

0.0000

229.7456,
301.1763, 285.8730

■ 0.0000, 0.0000,
0.0000

■ 26.3922, 42.9475,
35.7528

■ 26.3922, 42.9475,
35.7528

■ 25.4423, 42.5118,
33.3186

■ 27.7464, 43.5911,
38.3298

■ 24.9058, 42.2741,
31.5392

■ 29.5576, 44.4665,
41.0510

■ 31.8738, 45.5994,
43.9212

■ 34.7358, 47.0108,
46.9440

■ 38.1803, 48.7198,
50.1228

■ 42.2407, 50.7433,
53.4606

■ 46.9476, 53.0972,
56.9605

■ 52.3298, 55.7963,
60.6253

■ 58.4142, 58.8544,
64.4578

Harmonies

Analogous

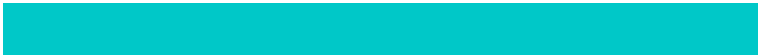
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.7528, 42.9475, 20.2652



26.3922, 42.9475, 35.7528



26.4845, 42.9475, 61.3948

Triad

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



26.3922, 42.9475, 35.7528



45.6525, 42.9475, 111.4427



53.9329, 42.9475, 19.7177

Complementary

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



26.3922, 42.9475, 35.7528



25.4525, 13.8334, 9.5140

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.



59.5731, 42.9475, 34.6620



26.3922, 42.9475, 35.7528



54.3395, 42.9475, 89.8619

Square

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



26.3922, 42.9475, 35.7528



36.7693, 42.9475, 112.0740



59.7319, 42.9475, 59.8280



45.1585, 42.9475, 13.5516

Rectangle

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



26.3922, 42.9475, 35.7528



28.4681, 42.9475, 81.6347



59.7319, 42.9475, 59.8280



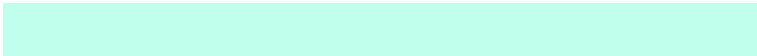
56.3108, 42.9475, 23.5771

Sweetspot

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



26.3934, 42.9492, 35.7538



72.4820, 88.6981, 92.8293



24.1461, 42.3915, 8.5004



14.9641, 18.7109, 19.4178



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.



26.3934, 42.9492, 35.7538



44.0970, 74.8585, 55.6555



24.4149, 31.4911, 58.2197



10.8085, 12.0123, 12.9415



16.2352, 27.5065, 20.7150



0.7993, 1.3147, 1.1419

Inverse Universe

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



25.4525, 13.8334, 9.5140



42.6035, 21.8497, 8.9738



25.6364, 16.2144, 3.3692



10.7602, 10.6875, 11.7207



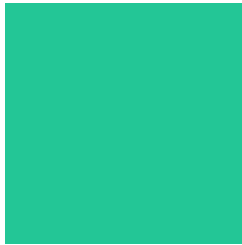
15.6800, 8.0216, 3.5249



0.7748, 0.3927, 0.3370

Previews

White Background



This preview shows how the XYZ color 26.3922, 42.9475, 35.7528 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 26.3922, 42.9475, 35.7528 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

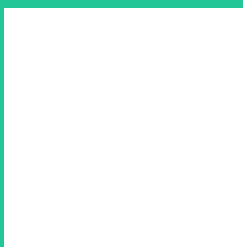
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3922, 42.9475, 35.7528

Background



This preview shows how black text looks on a background with the XYZ color 26.3922, 42.9475, 35.7528.

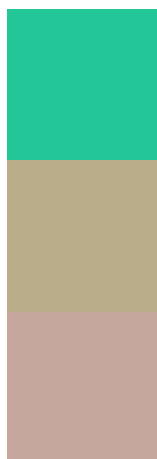


This preview shows how white text looks on a background with the XYZ color 26.3922, 42.9475,

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

26.3922, 42.9475, 35.7528

Protanopia

39.5386, 42.0364, 30.0747

Deuteranopia

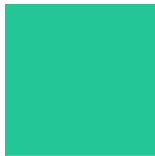
42.9305, 41.9421, 37.7312



Tritanopia

32.2972, 43.0199, 64.9940

Trichromacy



Original Color

26.3922, 42.9475, 35.7528



Protanomaly

30.8164, 40.1547, 31.7176



Deuteranomaly

32.2344, 39.5772, 36.5121



Tritanomaly

29.8421, 42.9986, 53.1811

Monochromacy



Original Color

26.3922, 42.9475, 35.7528



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

24.1727, 31.5693, 32.0136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3922, 42.9475, 35.7528 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(35, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(35, 198, 150)  
}
```

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(35, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 198, 150) }
```

Border

The CSS property to change the border of an element to XYZ 26.3922, 42.9475, 35.7528 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(35, 198, 150) }
```


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

```
.border{ border-color:rgb(35, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(35, 198,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3922, 42.9475, 35.7528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 198, 150) }
```

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

```
.background{ background-color: rgb(35, 198,  
150) }
```

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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