

Converting Colors

XYZ(26.2770, 43.5491, 28.7151)

Have a look what the booklet for
XYZ(26.2770, 43.5491, 28.7151)
contains.

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Color

**XYZ(26.2192, 43.3535,
28.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	38C784
RGB	56, 199, 132
RGB Percent	22%, 78%, 52%
CMY	0.7804, 0.2196, 0.4823
CMYK	0.72, 0.00, 0.34, 0.22
HSL	152°, 56%, 50%
HSV	152°, 72%, 78%
XYZ	26.2192, 43.3535, 28.8160
YIQ	148.6050, -63.7210, -51.1530

Conversions

Conversions Part 2

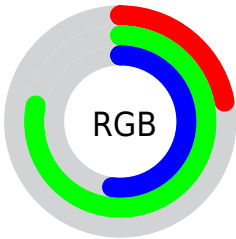
Format	Color
RYB	56, 149, 199
Decimal	3721092
CIELab	71.79, -52.94, 22.96
CIELCh	72, 57.705, 156.551
Yxy	43.3535, 0.2665, 0.4406
Android (android.graphics.Color)	4281911172 (0xFF38C784)
YUV	148.6050, -8.1863, -81.2146
Hunter-Lab	65.8434, -44.1462, 20.1424

Details

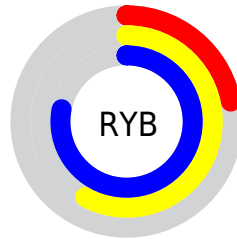
The XYZ color **26.2192, 43.3535, 28.8160** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **28.5440, 16.4016, 20.4022**, and the grayscale version is **28.4548, 29.9366, 32.6010**.

A 20% lighter version of the original color is **52.4021, 79.0877, 58.4025**, and **11.4962, 20.5557, 11.3444** is the 20% darker color. If you saturate the color by 10%, you get **24.7104, 42.6473, 25.5627**, and if you desaturate by 10%, it is **28.2292, 44.3138, 32.3924**.

Distribution



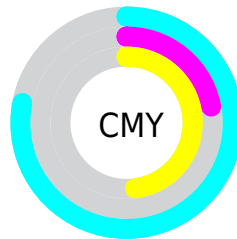
- Red (22%)
- Green (78%)
- Blue (52%)



- Red (22%)
- Yellow (58%)
- Blue (78%)



- Cyan (72%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)





- Cyan (78%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2192, 43.3535, 28.8160 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 26.2192, 43.3535, 28.8160 by changing the saturation by 10% instead.


 26.2192, 43.3535,
28.8160


 26.2192, 43.3535,
28.8160


276.0935,
360.0635, 310.3795


 17.1212, 30.1626,
18.6973


 53.0571, 80.2440,
58.8233


 10.4168, 19.9620,
11.2772


 71.5278, 104.7124,
79.5490


 5.7406, 12.3674,
6.1371


 93.8535, 133.7088,
104.6474

 2.7271, 6.9944,
2.8585

 120.3994,
167.6175, 134.5371

 1.0112, 3.4586,
1.0228

 151.5311,
206.8229, 169.6366

 0.0000, 1.3756,
0.0000

187.6137,

 0.0000, 0.1986,

251.7094, 210.3645

0.0000

229.0127,
302.6615, 257.1393

■ 0.0000, 0.0000,
0.0000

■ 26.2192, 43.3535,
28.8160

■ 26.2192, 43.3535,
28.8160

■ 24.7104, 42.6473,
25.5627

■ 28.2292, 44.3138,
32.3924

■ 23.6420, 42.1605,
22.6191

■ 30.7852, 45.5476,
36.2986

■ 23.0133, 41.8840,
20.4422

■ 33.9305, 47.0784,
40.5448

■ 37.7032, 48.9255,
45.1398

■ 42.1378, 51.1066,
50.0919

■ 47.2662, 53.6380,
55.4091

■ 53.1185, 56.5351,
61.0993

■ 59.7226, 59.8121,
67.1698

■ 67.1050, 63.4826,
73.6280

Harmonies

Analogous

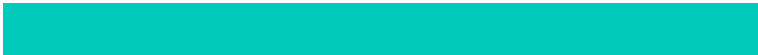
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9688, 43.3535, 15.7619



26.2192, 43.3535, 28.8160



25.1728, 43.3535, 53.6353

Triad

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



26.2192, 43.3535, 28.8160



43.3944, 43.3535, 123.7143



58.2798, 43.3535, 21.8009

Complementary

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



26.2192, 43.3535, 28.8160



28.5440, 16.4016, 20.4022

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.



62.9136, 43.3535, 41.3096



26.2192, 43.3535, 28.8160



53.4825, 43.3535, 105.2096

Square

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



26.2192, 43.3535, 28.8160



34.1510, 43.3535, 116.0722



61.0317, 43.3535, 72.1110



49.1717, 43.3535, 12.9795

Rectangle

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



26.2192, 43.3535, 28.8160



26.5395, 43.3535, 75.6812



61.0317, 43.3535, 72.1110



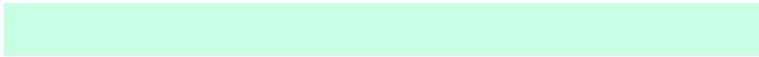
60.4731, 43.3535, 26.9519

Sweetspot

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



26.2203, 43.3552, 28.8170



73.3897, 89.2897, 87.2866



29.6132, 45.5030, 10.9642



15.2290, 18.8756, 18.1605



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.



26.2203, 43.3552, 28.8170



42.1650, 74.1648, 41.9054



31.8204, 44.7247, 60.9904



10.7291, 11.9805, 12.5236



14.8422, 26.9492, 13.3793



0.7391, 1.2906, 0.8250

Inverse Universe

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



28.5440, 16.4016, 20.4022



46.4821, 24.3518, 26.4671



25.8007, 15.4935, 5.3727



10.8372, 10.7183, 12.1261



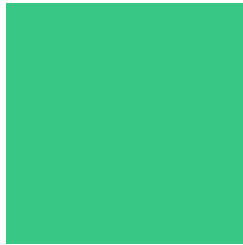
16.4660, 8.3360, 7.6640



0.8162, 0.4093, 0.5552

Previews

White Background



This preview shows how the XYZ color 26.2192, 43.3535, 28.8160 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 26.2192, 43.3535, 28.8160 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

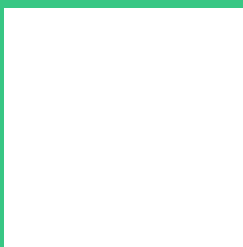
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2192, 43.3535, 28.8160

Background



This preview shows how black text looks on a background with the XYZ color 26.2192, 43.3535, 28.8160.

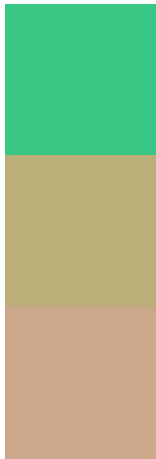


This preview shows how white text looks on a background with the XYZ color 26.2192, 43.3535,

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

26.2192, 43.3535, 28.8160

Protanopia

39.3263, 42.3439, 24.1896

Deuteranopia

43.2914, 42.5659, 30.3604



Tritanopia

33.2707, 43.2131, 64.3450

Trichromacy



Original Color

26.2192, 43.3535, 28.8160



Protanomaly

31.4504, 40.9231, 25.6434



Deuteranomaly

33.1417, 40.5018, 29.3634



Tritanomaly

30.0075, 42.8501, 48.8088

Monochromacy



Original Color

26.2192, 43.3535, 28.8160



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

25.8469, 33.2654, 31.0452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2192, 43.3535, 28.8160 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(56, 199, 132)` looks like.

```
.text, #text, p{  
    color:rgb(56, 199, 132)  
}
```

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(56, 199, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 199, 132) }
```

Border

The CSS property to change the border of an element to XYZ 26.2192, 43.3535, 28.8160 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(56, 199, 132) }
```


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

```
.border{ border-color:rgb(56, 199, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 199, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 199, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 199, 132);  
box-shadow:4px 4px 4px 4px rgb(56, 199,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2192, 43.3535, 28.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 199, 132) }
```

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

```
.background{ background-color: rgb(56, 199,  
132) }
```

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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