

Converting Colors

XYZ(25.4175, 43.7537, 30.3032)

Have a look what the booklet for
XYZ(25.4175, 43.7537, 30.3032)
contains.

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Color

**XYZ(25.3306, 43.5509,
30.3637)**

Conversions

Conversions Part 1

Format	Color
Hex	00C988
RGB	0, 201, 136
RGB Percent	0%, 79%, 53%
CMY	0.9999, 0.2118, 0.4667
CMYK	1.00, 0.00, 0.32, 0.21
HSL	161°, 100%, 39%
HSV	161°, 100%, 79%
XYZ	25.3306, 43.5509, 30.3637
YIQ	133.4910, -98.9310, -62.8270

Conversions

Conversions Part 2

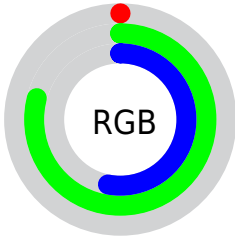
Format	Color
RYB	0, 120, 201
Decimal	51592
CIELab	71.93, -57.23, 20.93
CIELCh	72, 60.940, 159.909
Yxy	43.5509, 0.2552, 0.4388
Android (android.graphics.Color)	4278241672 (0xFF00C988)
YUV	133.4910, 1.2369, -117.0716
Hunter-Lab	65.9931, -46.9730, 18.9156

Details

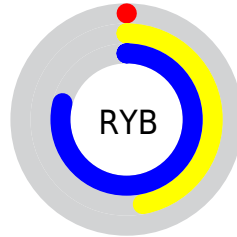
The XYZ color **25.3306, 43.5509, 30.3637** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.0432, 12.8003, 6.1548**, and the grayscale version is **22.4975, 23.6692, 25.7757**.

A 20% lighter version of the original color is **50.4211, 78.0044, 61.1141**, and **11.9586, 21.2297, 12.2715** is the 20% darker color. If you saturate the color by 10%, you get **25.3311, 43.5523, 30.3625**, and if you desaturate by 10%, it is **26.0987, 43.8930, 32.8862**.

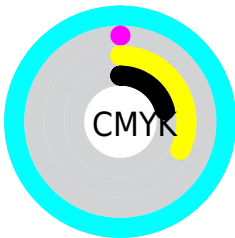
Distribution



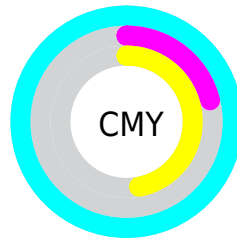
- Red (0%)
- Green (79%)
- Blue (53%)



- Red (0%)
- Yellow (47%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (21%)





- Cyan (100%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3306, 43.5509, 30.3637 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 25.3306, 43.5509, 30.3637 by changing the saturation by 10% instead.


 25.3306, 43.5509,
30.3637


 25.3306, 43.5509,
30.3637


271.7977,
360.8725, 317.8560


 16.4536, 30.3176,
19.8604


 51.6321, 80.5415,
61.3047


 9.9386, 20.0798,
12.1106


 69.7873, 105.0676,
82.5794

 5.4202, 12.4530,
6.6956


 91.7659, 134.1268,
108.2818

 2.5331, 7.0530,
3.1969

 117.9332,
168.1035, 138.8302

 0.9120, 3.4953,
1.1960

 148.6548,
207.3820, 174.6433

 0.0000, 1.3954,
0.0000

184.2958,

 0.0000, 0.2134,

252.3467, 216.1396

0.0000

225.2217,
303.3821, 263.7377

■ 0.0000, 0.0000,
0.0000

■ 25.3306, 43.5509,
30.3637

■ 25.3306, 43.5509,
30.3637

■ 25.3311, 43.5523,
30.3625

■ 26.0987, 43.8930,
32.8862

■ 27.1961, 44.4004,
35.5720

■ 28.7291, 45.1290,
38.4294

■ 30.7533, 46.1075,
41.4635

■ 33.3158, 47.3600,
44.6788

■ 36.4580, 48.9078,
48.0794

■ 40.2172, 50.7702,
51.6694

■ 44.6273, 52.9645,
55.4525

■ 49.7199, 55.5071,
59.4324

Harmonies

Analogous

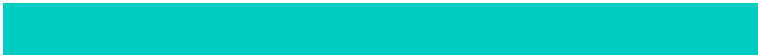
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.8593, 43.5509, 15.6902



25.3306, 43.5509, 30.3637



24.6753, 43.5509, 57.9572

Triad

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



25.3306, 43.5509, 30.3637



44.9260, 43.5509, 129.0027



58.6768, 43.5509, 19.3794

Complementary

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



25.3306, 43.5509, 30.3637



25.0432, 12.8003, 6.1548

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.



64.3434, 43.5509, 38.2435



25.3306, 43.5509, 30.3637



55.5715, 43.5509, 106.1995

Square

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



25.3306, 43.5509, 30.3637



34.9068, 43.5509, 123.9516



63.1206, 43.5509, 69.9002



48.6385, 43.5509, 11.4375

Rectangle

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



25.3306, 43.5509, 30.3637



26.3860, 43.5509, 82.0312



63.1206, 43.5509, 69.9002



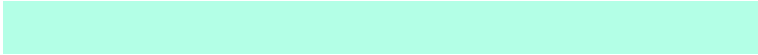
61.2263, 43.5509, 24.2387

Sweetspot

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



25.3317, 43.5526, 30.3647



68.5544, 86.7720, 88.1891



23.2032, 42.9687, 7.0714



14.0604, 18.2687, 18.3064



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.



25.3317, 43.5526, 30.3647



43.2574, 74.5189, 51.4006



24.4548, 32.0405, 60.1560



10.7951, 12.0069, 12.8714



15.9701, 27.4004, 19.3188



0.7883, 1.3103, 1.0839

Inverse Universe

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



25.0432, 12.8003, 6.1548



42.7810, 21.8764, 10.0446



24.6467, 13.5346, 1.3139



10.7729, 10.6925, 11.7874



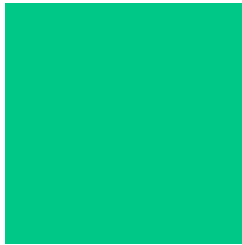
15.7828, 8.0627, 4.0662



0.7807, 0.3951, 0.3686

Previews

White Background



This preview shows how the XYZ color 25.3306, 43.5509, 30.3637 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 25.3306, 43.5509, 30.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

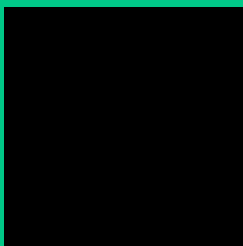
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

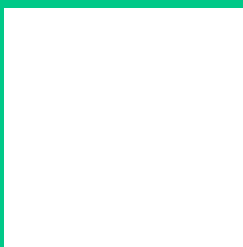
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3306, 43.5509, 30.3637

Background



This preview shows how black text looks on a background with the XYZ color 25.3306, 43.5509, 30.3637.

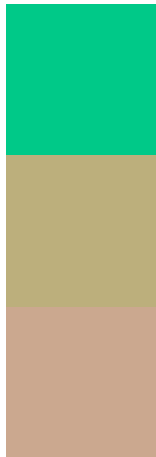


This preview shows how white text looks on a background with the XYZ color 25.3306, 43.5509,

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

25.3306, 43.5509, 30.3637

Protanopia

39.7071, 42.8065, 25.2385

Deuteranopia

43.5892, 42.6849, 31.9282



Tritanopia

32.6890, 43.5185, 66.3515

Trichromacy



Original Color

25.3306, 43.5509, 30.3637



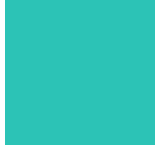
Protanomaly

28.7825, 39.8326, 26.5935



Deuteranomaly

30.1081, 39.2031, 30.7910



Tritanomaly

28.9973, 42.9431, 51.0165

Monochromacy



Original Color

25.3306, 43.5509, 30.3637



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.2762, 28.1062, 26.9106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3306, 43.5509, 30.3637 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, 201, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 136)  
}
```

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, 201, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.3306, 43.5509, 30.3637 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, 201, 136) }
```


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

```
.border{ border-color:rgb(0, 201, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 201, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3306, 43.5509, 30.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 136) }
```

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

```
.background{ background-color: rgb(0, 201,  
136) }
```

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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