

Converting Colors

XYZ(18.5113, 37.4223, 37.4251)

Have a look what the booklet for
XYZ(18.5113, 37.4223, 37.4251)
contains.

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Color

**XYZ(25.2082, 40.9501,
37.5859)**

Conversions

Conversions Part 1

Format	Color
Hex	00C29B
RGB	0, 194, 155
RGB Percent	0%, 76%, 61%
CMY	0.9999, 0.2392, 0.3922
CMYK	1.00, 0.00, 0.20, 0.24
HSL	168°, 100%, 38%
HSV	168°, 100%, 76%
XYZ	25.2082, 40.9501, 37.5859
YIQ	131.5480, -103.1050, -53.2570

Conversions

Conversions Part 2

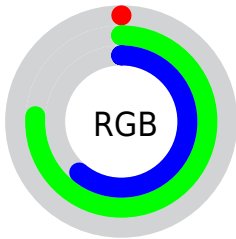
Format	Color
RYB	0, 108, 194
Decimal	49819
CIELab	70.14, -50.05, 8.22
CIELCh	70, 50.722, 170.673
Yxy	40.9501, 0.2430, 0.3947
Android (android.graphics.Color)	4278239899 (0xFF00C29B)
YUV	131.5480, 11.5618, -115.3676
Hunter-Lab	63.9923, -41.6707, 9.9706

Details

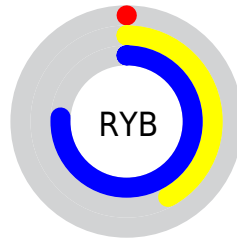
The XYZ color **25.2082, 40.9501, 37.5859** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **22.6159, 11.6170, 2.9724**, and the grayscale version is **21.7594, 22.8926, 24.9300**.

A 20% lighter version of the original color is **51.2613, 76.3071, 72.3486**, and **11.7313, 19.4647, 16.2355** is the 20% darker color. If you saturate the color by 10%, you get **25.2085, 40.9513, 37.5843**, and if you desaturate by 10%, it is **25.8190, 41.2275, 39.3534**.

Distribution



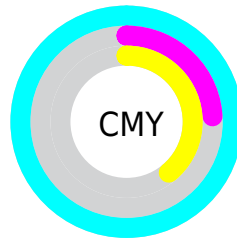
- Red (0%)
- Green (76%)
- Blue (61%)



- Red (0%)
- Yellow (42%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2082, 40.9501, 37.5859 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 25.2082, 40.9501, 37.5859 by changing the saturation by 10% instead.


 25.2082, 40.9501,
37.5859


 25.2082, 40.9501,
37.5859


271.2018,
350.1120, 351.0850


 16.3618, 28.2801,
25.3621


 51.4352, 76.6081,
72.6694


 9.8730, 18.5369,
16.1256


 69.5466, 100.3650,
96.3661


 5.3765, 11.3361,
9.4577


 91.4770, 128.5862,
124.7243

 2.5068, 6.2934,
4.9401

 117.5917,
161.6562, 158.1624

 0.8987, 3.0243,
2.1540

 148.2563,
199.9594, 197.0989

 0.0000, 1.1444,
0.6476

183.8359,

 0.0000, 0.0156,

243.8802, 241.9526

0.0000

224.6959,
293.8029, 293.1417

■ 0.0000, 0.0000,
0.0000

■ 25.2082, 40.9501,
37.5859

■ 25.2082, 40.9501,
37.5859

■ 25.2085, 40.9513,
37.5843

■ 25.8190, 41.2275,
39.3534

■ 26.7159, 41.6502,
41.1891

■ 27.9984, 42.2704,
43.0991

■ 29.7171, 43.1142,
45.0863

■ 31.9148, 44.2037,
47.1532

■ 34.6290, 45.5581,
49.3019

■ 37.8935, 47.1951,
51.5346

■ 41.7394, 49.1303,
53.8532

■ 46.1951, 51.3787,
56.2594

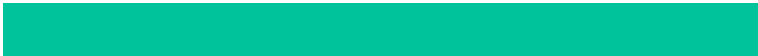
Harmonies

Analogous

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



27.8411, 40.9501, 21.4505



25.2082, 40.9501, 37.5859



25.8241, 40.9501, 62.7373

Triad

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



25.2082, 40.9501, 37.5859



44.8289, 40.9501, 102.4403



49.9312, 40.9501, 17.7638

Complementary

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



25.2082, 40.9501, 37.5859



22.6159, 11.6170, 2.9724

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.



55.8345, 40.9501, 30.3268



25.2082, 40.9501, 37.5859



52.6103, 40.9501, 80.2572

Square

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



25.2082, 40.9501, 37.5859



36.3934, 40.9501, 106.5641



56.8790, 40.9501, 52.4092



41.5648, 40.9501, 12.9943

Rectangle

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



25.2082, 40.9501, 37.5859



28.0340, 40.9501, 81.4790



56.8790, 40.9501, 52.4092



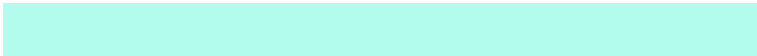
52.3166, 40.9501, 20.9500

Sweetspot

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



25.2093, 40.9517, 37.5869



68.3371, 85.3449, 93.1627



20.2498, 39.0784, 6.4764



14.3853, 18.3986, 20.0173



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.



25.2093, 40.9517, 37.5869



45.5760, 74.1534, 67.5966



18.9772, 22.3732, 54.3589



10.2789, 11.3926, 12.4722



16.6031, 26.9353, 24.8667



0.7399, 1.1728, 1.1933

Inverse Universe

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



22.6159, 11.6170, 2.9724



40.9003, 21.0165, 5.0050



23.6147, 14.2010, 1.4973



10.1542, 10.1103, 10.9024



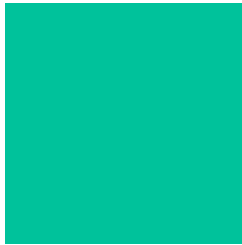
14.8923, 7.6467, 2.0791



0.6685, 0.3404, 0.2219

Previews

White Background



This preview shows how the XYZ color 25.2082, 40.9501, 37.5859 looks on a white background.

Color Contrast Check

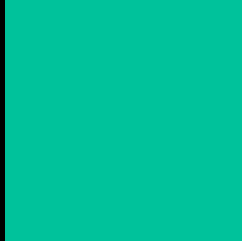
Large Text (above 18pt) WCAG AA × Fail

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 25.2082, 40.9501, 37.5859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

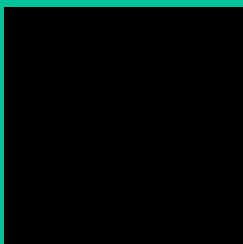
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

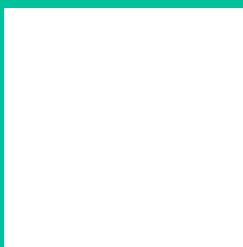
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2082, 40.9501, 37.5859

Background



This preview shows how black text looks on a background with the XYZ color 25.2082, 40.9501, 37.5859.



This preview shows how white text looks on a background with the XYZ color 25.2082, 40.9501,

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

25.2082, 40.9501, 37.5859

Protanopia

37.9231, 40.3163, 31.7697

Deuteranopia

41.0323, 40.1067, 39.7612



Tritanopia

30.5663, 41.2080, 62.8428

Trichromacy



Original Color

25.2082, 40.9501, 37.5859



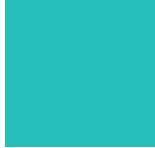
Protanomaly

28.3260, 37.9242, 33.4309



Deuteranomaly

29.4731, 37.2281, 38.4332



Tritanomaly

28.0757, 40.7842, 52.8468

Monochromacy



Original Color

25.2082, 40.9501, 37.5859



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

20.1111, 27.2210, 29.0051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2082, 40.9501, 37.5859 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, 194, 155)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 155)  
}
```

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, 194, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.2082, 40.9501, 37.5859 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, 194, 155) }
```


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

```
.border{ border-color:rgb(0, 194, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 155);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2082, 40.9501, 37.5859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 155) }
```

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

```
.background{ background-color: rgb(0, 194,  
155) }
```

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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