

Converting Colors

XYZ(13.5454, 35.7246, 36.7099)

Have a look what the booklet for
XYZ(13.5454, 35.7246, 36.7099)
contains.

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Color

**XYZ(25.5727, 41.8129,
37.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	00C49A
RGB	0, 196, 154
RGB Percent	0%, 77%, 60%
CMY	0.9999, 0.2314, 0.3961
CMYK	1.00, 0.00, 0.21, 0.23
HSL	167°, 100%, 38%
HSV	167°, 100%, 77%
XYZ	25.5727, 41.8129, 37.2947
YIQ	132.6080, -103.3340, -54.6140

Conversions

Conversions Part 2

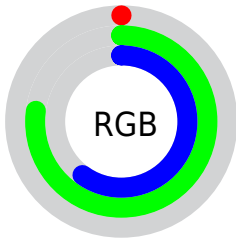
Format	Color
RYB	0, 110, 196
Decimal	50330
CIELab	70.74, -51.10, 9.62
CIElCh	71, 51.997, 169.338
Yxy	41.8129, 0.2443, 0.3994
Android (android.graphics.Color)	4278240410 (0xFF00C49A)
YUV	132.6080, 10.5463, -116.2972
Hunter-Lab	64.6629, -42.5674, 11.0682

Details

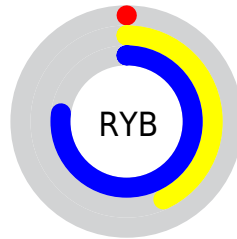
The XYZ color **25.5727, 41.8129, 37.2947** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.1846, 11.9042, 3.2694**, and the grayscale version is **22.1456, 23.2989, 25.3725**.

A 20% lighter version of the original color is **52.0825, 78.1470, 72.0134**, and **11.9731, 20.0290, 16.0669** is the 20% darker color. If you saturate the color by 10%, you get **25.5729, 41.8141, 37.2927**, and if you desaturate by 10%, it is **26.2106, 42.1017, 39.1842**.

Distribution



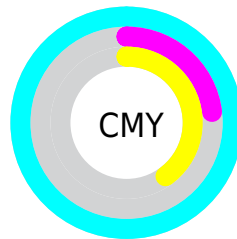
- Red (0%)
- Green (77%)
- Blue (60%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5727, 41.8129, 37.2947 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 25.5727, 41.8129, 37.2947 by changing the saturation by 10% instead.

■ 25.5727, 41.8129,
37.2947

■ 25.5727, 41.8129,
37.2947

272.9735,
353.7067, 349.7917

■ 16.6352, 28.9548,
25.1382

■ 52.0210, 77.9164,
72.2172

■ 10.0685, 19.0466,
15.9601

■ 70.2626, 101.9306,
95.8202

■ 5.5070, 11.7040,
9.3419

■ 92.3363, 130.4322,
124.0759

■ 2.5855, 6.5425,
4.8650

■ 118.6074,
163.8058, 157.4026

■ 0.9386, 3.1776,
2.1109

■ 149.4413,
202.4356, 196.2190

■ 0.0000, 1.2252,
0.6222

185.2034,

■ 0.0000, 0.0821,

246.7061, 240.9437

0.0000

226.2590,
297.0017, 291.9950

■ 0.0000, 0.0000,
0.0000

■ 25.5727, 41.8129,
37.2947

■ 25.5727, 41.8129,
37.2947

■ 25.5729, 41.8141,
37.2927

■ 26.2106, 42.1017,
39.1842

■ 27.1436, 42.5401,
41.1511

■ 28.4728, 43.1813,
43.2017

■ 30.2502, 44.0521,
45.3392

■ 32.5196, 45.1751,
47.5661

■ 35.3197, 46.5701,
49.8848

■ 38.6852, 48.2552,
52.2976

■ 42.6478, 50.2466,
54.8065

■ 47.2367, 52.5593,
57.4136

Harmonies

Analogous

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



28.4443, 41.8129, 21.0656



25.5727, 41.8129, 37.2947



26.0597, 41.8129, 63.1322

Triad

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



25.5727, 41.8129, 37.2947



45.4894, 41.8129, 106.6420



51.5546, 41.8129, 18.1703

Complementary

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



25.5727, 41.8129, 37.2947



23.1846, 11.9042, 3.2694

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.



57.5303, 41.8129, 31.5430



25.5727, 41.8129, 37.2947



53.6934, 41.8129, 84.0082

Square

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



25.5727, 41.8129, 37.2947



36.7525, 41.8129, 109.9554



58.3652, 41.8129, 54.8898



42.8891, 41.8129, 12.9892

Rectangle

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



25.5727, 41.8129, 37.2947



28.2478, 41.8129, 82.7507



58.3652, 41.8129, 54.8898



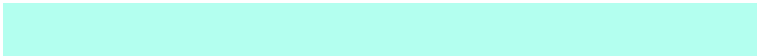
53.9947, 41.8129, 21.5722

Sweetspot

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



25.5739, 41.8145, 37.2957



69.7566, 87.2529, 94.5201



20.7159, 39.9839, 6.6267



14.3491, 18.3842, 19.8268



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.



25.5739, 41.8145, 37.2957



46.2260, 75.7064, 67.0331



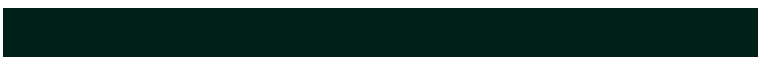
19.4126, 22.8820, 55.6198



10.2731, 11.3903, 12.4415



16.4638, 26.8796, 24.1333



0.7350, 1.1708, 1.1672

Inverse Universe

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



23.1846, 11.9042, 3.2694



41.9213, 21.5325, 5.5176



24.1587, 14.5218, 1.5306



10.1596, 10.1124, 10.9309



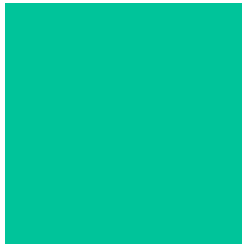
14.9225, 7.6588, 2.2380



0.6709, 0.3414, 0.2346

Previews

White Background



This preview shows how the XYZ color 25.5727, 41.8129, 37.2947 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 25.5727, 41.8129, 37.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

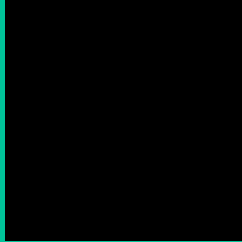
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

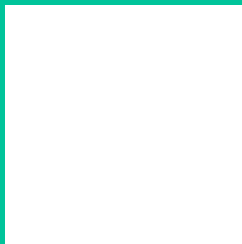
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5727, 41.8129, 37.2947

Background



This preview shows how black text looks on a background with the XYZ color 25.5727, 41.8129, 37.2947.



This preview shows how white text looks on a background with the XYZ color 25.5727, 41.8129,

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

25.5727, 41.8129, 37.2947

Protanopia

38.7368, 41.0239, 31.4679

Deuteranopia

41.8075, 41.0521, 39.4386



Tritanopia

31.0805, 41.7636, 64.1807

Trichromacy



Original Color

25.5727, 41.8129, 37.2947



Protanomaly

28.7120, 38.4308, 33.0987



Deuteranomaly

29.9197, 38.0505, 38.1153



Tritanomaly

28.5119, 41.6565, 52.9922

Monochromacy



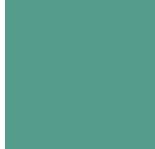
Original Color

25.5727, 41.8129, 37.2947



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.4425, 27.6313, 29.4552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5727, 41.8129, 37.2947 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, 196, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 154)  
}
```

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, 196, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 154) }
```

Border

The CSS property to change the border of an element to XYZ 25.5727, 41.8129, 37.2947 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, 196, 154) }
```


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

```
.border{ border-color:rgb(0, 196, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 196, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5727, 41.8129, 37.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 154) }
```

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

```
.background{ background-color: rgb(0, 196,  
154) }
```

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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