

Converting Colors

XYZ(14.6188, 36.5624, 34.6910)

Have a look what the booklet for
XYZ(14.6188, 36.5624, 34.6910)
contains.

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Color

**XYZ(25.3911, 42.1024,
35.2221)**

Conversions

Conversions Part 1

Format	Color
Hex	00C595
RGB	0, 197, 149
RGB Percent	0%, 77%, 58%
CMY	0.9999, 0.2274, 0.4157
CMYK	1.00, 0.00, 0.24, 0.23
HSL	165°, 100%, 39%
HSV	165°, 100%, 77%
XYZ	25.3911, 42.1024, 35.2221
YIQ	132.6250, -102.0040, -56.6920

Conversions

Conversions Part 2

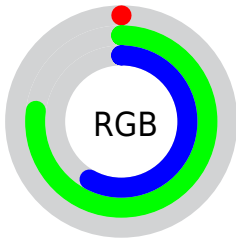
Format	Color
RYB	0, 112, 197
Decimal	50581
CIELab	70.94, -52.73, 12.61
CIELCh	71, 54.213, 166.554
Yxy	42.1024, 0.2472, 0.4099
Android (android.graphics.Color)	4278240661 (0xFF00C595)
YUV	132.6250, 8.0729, -116.3121
Hunter-Lab	64.8864, -43.7012, 13.2362

Details

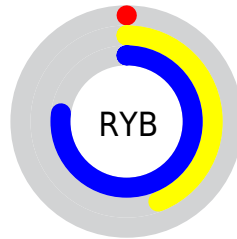
The XYZ color **25.3911, 42.1024, 35.2221** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.5612, 12.0850, 3.8903**, and the grayscale version is **22.1598, 23.3138, 25.3887**.

A 20% lighter version of the original color is **51.7950, 78.5411, 68.9300**, and **11.8776, 20.2278, 14.8336** is the 20% darker color. If you saturate the color by 10%, you get **25.3914, 42.1036, 35.2202**, and if you desaturate by 10%, it is **26.0662, 42.4063, 37.2971**.

Distribution



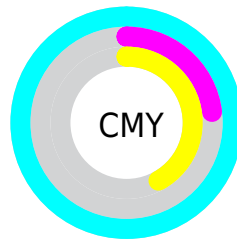
- Red (0%)
- Green (77%)
- Blue (58%)



- Red (0%)
- Yellow (44%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3911, 42.1024, 35.2221 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 25.3911, 42.1024, 35.2221 by changing the saturation by 10% instead.


 25.3911, 42.1024,
35.2221


 25.3911, 42.1024,
35.2221


272.0919,
354.9072, 340.4816


 16.4990, 29.1815,
23.5491


 51.7293, 78.3546,
68.9852


 9.9710, 19.2182,
14.7904


 69.9061, 102.4546,
91.9123


 5.4418, 11.8280,
8.5274


 91.9085, 131.0498,
119.4279

 2.5462, 6.6267,
4.3417

 118.1019,
164.5246, 151.9505

 0.9186, 3.2297,
1.8146

 148.8515,
203.2634, 189.8986

 0.0000, 1.2528,
0.4376

184.5229,

 0.0000, 0.1042,

247.6504, 233.6908

0.0000

225.4812,
298.0703, 283.7456

■ 0.0000, 0.0000,
0.0000

■ 25.3911, 42.1024,
35.2221

■ 25.3911, 42.1024,
35.2221

■ 25.3914, 42.1036,
35.2202

■ 26.0662, 42.4063,
37.2971

■ 27.0436, 42.8631,
39.4688

■ 28.4254, 43.5265,
41.7438

■ 30.2642, 44.4236,
44.1255

■ 32.6047, 45.5775,
46.6170

■ 35.4859, 47.0081,
49.2209

■ 38.9430, 48.7338,
51.9399

■ 43.0083, 50.7709,
54.7762

■ 47.7114, 53.1349,
57.7321

Harmonies

Analogous

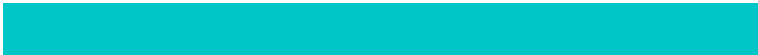
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.6861, 42.1024, 19.4402



25.3911, 42.1024, 35.2221



25.5715, 42.1024, 61.5240

Triad

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



25.3911, 42.1024, 35.2221



45.1720, 42.1024, 111.9569



53.1874, 42.1024, 18.3833

Complementary

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



25.3911, 42.1024, 35.2221



23.5612, 12.0850, 3.8903

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.



59.0795, 42.1024, 33.0812



25.3911, 42.1024, 35.2221



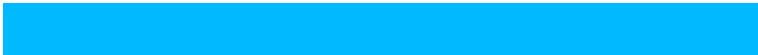
53.9966, 42.1024, 89.2576

Square

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



25.3911, 42.1024, 35.2221



36.1130, 42.1024, 113.2278



59.3961, 42.1024, 58.4079



44.1928, 42.1024, 12.4882

Rectangle

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



25.3911, 42.1024, 35.2221



27.6245, 42.1024, 82.3041



59.3961, 42.1024, 58.4079



55.6520, 42.1024, 22.1420

Sweetspot

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



25.3922, 42.1040, 35.2231



69.4274, 87.1212, 92.7864



21.2469, 40.5937, 6.7163



14.2698, 18.3525, 19.4094



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.



25.3922, 42.1040, 35.2231



45.3699, 75.3639, 62.5248



20.6309, 25.1359, 56.5895



10.8320, 12.0217, 13.0652



16.7348, 27.7063, 23.3460



0.8197, 1.3228, 1.2490

Inverse Universe

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



23.5612, 12.0850, 3.8903



42.1134, 21.6094, 6.5292



24.1366, 14.0902, 1.4483



10.7381, 10.6786, 11.6041



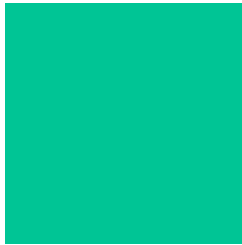
15.5244, 7.9593, 2.7052



0.7648, 0.3888, 0.2846

Previews

White Background



This preview shows how the XYZ color 25.3911, 42.1024, 35.2221 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 25.3911, 42.1024, 35.2221 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

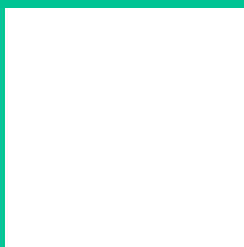
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3911, 42.1024, 35.2221

Background



This preview shows how black text looks on a background with the XYZ color 25.3911, 42.1024, 35.2221.

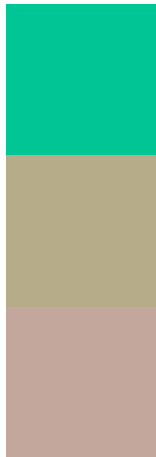


This preview shows how white text looks on a background with the XYZ color 25.3911, 42.1024,

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

25.3911, 42.1024, 35.2221

Protanopia

38.7963, 41.3785, 29.6090

Deuteranopia

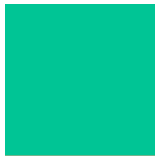
42.1426, 41.2748, 37.1982



Tritanopia

31.4828, 42.2915, 64.2614

Trichromacy



Original Color

25.3911, 42.1024, 35.2221



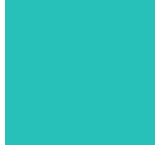
Protanomaly

28.5341, 38.6838, 31.1621



Deuteranomaly

29.7841, 38.0293, 35.9076



Tritanomaly

28.7020, 42.0938, 52.5111

Monochromacy



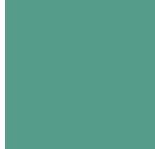
Original Color

25.3911, 42.1024, 35.2221



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.2950, 27.5723, 28.6784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3911, 42.1024, 35.2221 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, 197, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 149)  
}
```

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, 197, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.3911, 42.1024, 35.2221 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, 197, 149) }
```


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

```
.border{ border-color:rgb(0, 197, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3911, 42.1024, 35.2221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 149) }
```

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

```
.background{ background-color: rgb(0, 197,  
149) }
```

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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