

Converting Colors

XYZ(25.5475, 42.5103, 35.3622)

Have a look what the booklet for
XYZ(25.5475, 42.5103, 35.3622)
contains.

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Color

**XYZ(25.6189, 42.5581,
35.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	00C695
RGB	0, 198, 149
RGB Percent	0%, 78%, 58%
CMY	0.9999, 0.2235, 0.4157
CMYK	1.00, 0.00, 0.25, 0.22
HSL	165°, 100%, 39%
HSV	165°, 100%, 78%
XYZ	25.6189, 42.5581, 35.2980
YIQ	133.2120, -102.2790, -57.2150

Conversions

Conversions Part 2

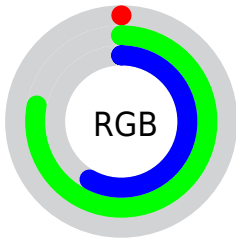
Format	Color
RYB	0, 113, 198
Decimal	50837
CIELab	71.25, -53.11, 13.05
CIElCh	71, 54.692, 166.200
Yxy	42.5581, 0.2476, 0.4113
Android (android.graphics.Color)	4278240917 (0xFF00C695)
YUV	133.2120, 7.7835, -116.8269
Hunter-Lab	65.2366, -44.0657, 13.5851

Details

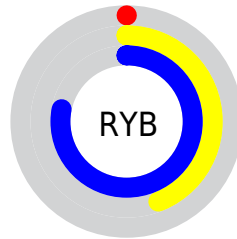
The XYZ color **25.6189, 42.5581, 35.2980** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.8447, 12.2287, 4.0121**, and the grayscale version is **22.3739, 23.5390, 25.6340**.

A 20% lighter version of the original color is **51.7950, 78.5411, 68.9300**, and **12.0271, 20.5268, 14.8834** is the 20% darker color. If you saturate the color by 10%, you get **25.6193, 42.5594, 35.2965**, and if you desaturate by 10%, it is **26.3043, 42.8664, 37.4169**.

Distribution



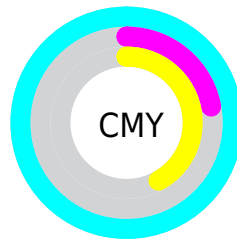
- Red (0%)
- Green (78%)
- Blue (58%)



- Red (0%)
- Yellow (44%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6189, 42.5581, 35.2980 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 25.6189, 42.5581, 35.2980 by changing the saturation by 10% instead.


 25.6189, 42.5581,
35.2980


 25.6189, 42.5581,
35.2980


273.1974,
356.7913, 340.8259


 16.6699, 29.5385,
23.6071


 52.0952, 79.0436,
69.1040


 10.0933, 19.4886,
14.8329


 70.3532, 103.2783,
92.0561


 5.5236, 12.0239,
8.5569


 92.4450, 132.0202,
119.5991

 2.5955, 6.7599,
4.3605

 118.7359,
165.6537, 152.1516

 0.9437, 3.3124,
1.8251

 149.5912,
204.5632, 190.1319

 0.0000, 1.2969,
0.4444

185.3763,

 0.0000, 0.1388,

249.1330, 233.9587

0.0000

226.4566,
299.7476, 284.0505

■ 0.0000, 0.0000,
0.0000

■ 25.6189, 42.5581,
35.2980

■ 25.6189, 42.5581,
35.2980

■ 25.6193, 42.5594,
35.2965

■ 26.3043, 42.8664,
37.4169

■ 27.2963, 43.3296,
39.6362

■ 28.6978, 44.0021,
41.9626

■ 30.5624, 44.9113,
44.3997

■ 32.9350, 46.0804,
46.9506

■ 35.8554, 47.5299,
49.6180

■ 39.3591, 49.2781,
52.4045

■ 43.4788, 51.3418,
55.3127

■ 48.2446, 53.7365,
58.3449

Harmonies

Analogous

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



29.0034, 42.5581, 19.4216



25.6189, 42.5581, 35.2980



25.7602, 42.5581, 61.9167

Triad

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



25.6189, 42.5581, 35.2980



45.5759, 42.5581, 113.7874



53.9352, 42.5581, 18.5956

Complementary

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



25.6189, 42.5581, 35.2980



23.8447, 12.2287, 4.0121

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.



59.8733, 42.5581, 33.6205



25.6189, 42.5581, 35.2980



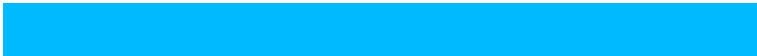
54.5706, 42.5581, 90.8604

Square

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



25.6189, 42.5581, 35.2980



36.3850, 42.5581, 114.7871



60.1220, 42.5581, 59.4701



44.8075, 42.5581, 12.5469

Rectangle

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



25.6189, 42.5581, 35.2980



27.8154, 42.5581, 83.0550



60.1220, 42.5581, 59.4701



56.4272, 42.5581, 22.4401

Sweetspot

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



25.6201, 42.5598, 35.2990



69.3849, 87.1042, 92.5627



21.4867, 41.0556, 6.7927



14.2596, 18.3484, 19.3556



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.



25.6201, 42.5598, 35.2990



45.2617, 75.3207, 61.9555



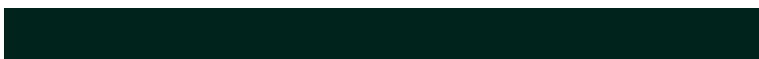
20.8635, 25.4171, 57.2344



10.8302, 12.0210, 13.0559



16.6958, 27.6907, 23.1404



0.8181, 1.3222, 1.2408

Inverse Universe

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



23.8447, 12.2287, 4.0121



42.1404, 21.6202, 6.6715



24.4098, 14.2465, 1.4640



10.7397, 10.6793, 11.6128



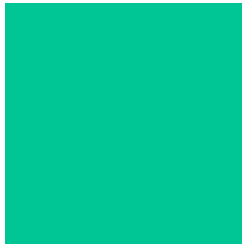
15.5350, 7.9636, 2.7611



0.7655, 0.3891, 0.2885

Previews

White Background



This preview shows how the XYZ color 25.6189, 42.5581, 35.2980 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 25.6189, 42.5581, 35.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

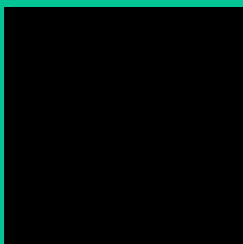
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

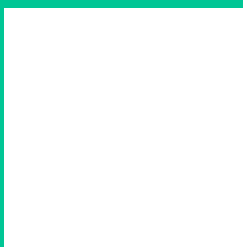
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6189, 42.5581, 35.2980

Background



This preview shows how black text looks on a background with the XYZ color 25.6189, 42.5581, 35.2980.

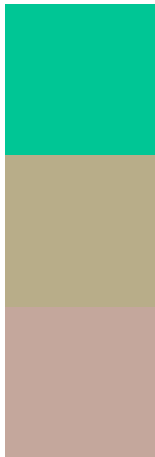


This preview shows how white text looks on a background with the XYZ color 25.6189, 42.5581,

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

25.6189, 42.5581, 35.2980

Protanopia

39.2261, 41.8836, 29.6838

Deuteranopia

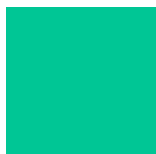
42.5844, 41.7735, 37.2711



Tritanopia

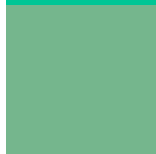
31.6039, 42.3399, 64.8992

Trichromacy



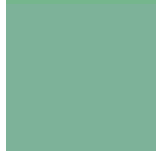
Original Color

25.6189, 42.5581, 35.2980



Protanomaly

28.8718, 39.1609, 31.2364



Deuteranomaly

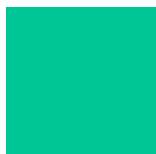
30.1276, 38.5007, 35.9805



Tritanomaly

28.7020, 42.0938, 52.5111

Monochromacy



Original Color

25.6189, 42.5581, 35.2980



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.4635, 27.9093, 28.7346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6189, 42.5581, 35.2980 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, 198, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 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, 198, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.6189, 42.5581, 35.2980 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, 198, 149) }
```


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

```
.border{ border-color:rgb(0, 198, 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, 198, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6189, 42.5581, 35.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 149) }
```

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

```
.background{ background-color: rgb(0, 198,  
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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