

Converting Colors

XYZ(13.5017, 36.0515, 36.0667)

Have a look what the booklet for
XYZ(13.5017, 36.0515, 36.0667)
contains.

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Color

**XYZ(25.6337, 42.1995,
36.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	00C598
RGB	0, 197, 152
RGB Percent	0%, 77%, 60%
CMY	0.9999, 0.2274, 0.4039
CMYK	1.00, 0.00, 0.23, 0.23
HSL	166°, 100%, 39%
HSV	166°, 100%, 77%
XYZ	25.6337, 42.1995, 36.5000
YIQ	132.9670, -102.9670, -55.7590

Conversions

Conversions Part 2

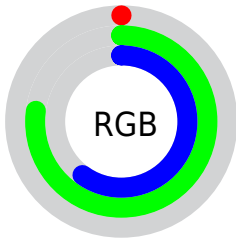
Format	Color
RYB	0, 111, 197
Decimal	50584
CIELab	71.01, -51.99, 11.08
CIELCh	71, 53.160, 167.969
Yxy	42.1995, 0.2457, 0.4045
Android (android.graphics.Color)	4278240664 (0xFF00C598)
YUV	132.9670, 9.3833, -116.6121
Hunter-Lab	64.9611, -43.2458, 12.1593

Details

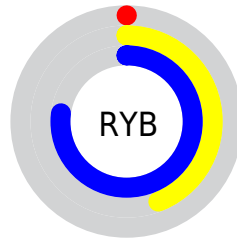
The XYZ color **25.6337, 42.1995, 36.5000** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.5011, 12.0608, 3.5741**, and the grayscale version is **22.2787, 23.4390, 25.5250**.

A 20% lighter version of the original color is **52.1561, 78.6856, 70.8314**, and **12.0220, 20.2856, 15.5938** is the 20% darker color. If you saturate the color by 10%, you get **25.6342, 42.2009, 36.4990**, and if you desaturate by 10%, it is **26.2932, 42.4971, 38.4929**.

Distribution



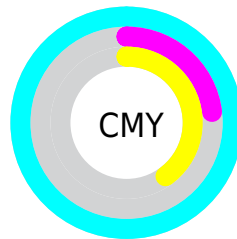
- Red (0%)
- Green (77%)
- Blue (60%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6337, 42.1995, 36.5000 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 25.6337, 42.1995, 36.5000 by changing the saturation by 10% instead.


 25.6337, 42.1995,
36.5000


 25.6337, 42.1995,
36.5000


273.2691,
355.3093, 346.2440


 16.6810, 29.2575,
24.5279


 52.1189, 78.5015,
70.9808


 10.1012, 19.2757,
15.5098


 70.3823, 102.6303,
94.3266


 5.5289, 11.8697,
9.0274


 92.4798, 131.2568,
122.3006

 2.5987, 6.6550,
4.6620

 118.7770,
164.7655, 155.3215

 0.9453, 3.2473,
1.9951

 149.6392,
203.5406, 193.8077

 0.0000, 1.2622,
0.5523

185.4317,

 0.0000, 0.1116,

247.9667, 238.1778

0.0000

226.5199,
298.4282, 288.8504

■ 0.0000, 0.0000,
0.0000

■ 25.6337, 42.1995,
36.5000

■ 25.6337, 42.1995,
36.5000

■ 25.6342, 42.2009,
36.4990

■ 26.2932, 42.4971,
38.4929

■ 27.2530, 42.9469,
40.5727

■ 28.6152, 43.6024,
42.7460

■ 30.4326, 44.4910,
45.0159

■ 32.7497, 45.6354,
47.3853

■ 35.6055, 47.0559,
49.8567

■ 39.0353, 48.7706,
52.4326

■ 43.0711, 50.7959,
55.1151

■ 47.7427, 53.1473,
57.9064

Harmonies

Analogous

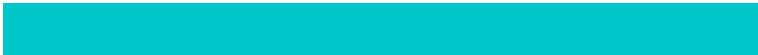
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.7275, 42.1995, 20.3892



25.6337, 42.1995, 36.5000



25.9745, 42.1995, 62.7251

Triad

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



25.6337, 42.1995, 36.5000



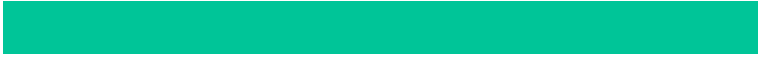
45.6047, 42.1995, 109.8346



52.6469, 42.1995, 18.3775

Complementary

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



25.6337, 42.1995, 36.5000



23.5011, 12.0608, 3.5741

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.



58.6192, 42.1995, 32.4659



25.6337, 42.1995, 36.5000



54.1590, 42.1995, 87.0258

Square

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



25.6337, 42.1995, 36.5000



36.6582, 42.1995, 112.1928



59.2102, 42.1995, 56.9003



43.7706, 42.1995, 12.8187

Rectangle

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



25.6337, 42.1995, 36.5000



28.1099, 42.1995, 83.0288



59.2102, 42.1995, 56.9003



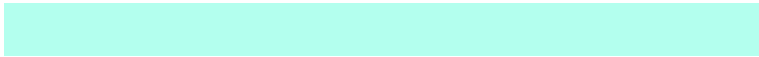
55.1138, 42.1995, 21.9714

Sweetspot

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



25.6349, 42.2011, 36.5010



69.5977, 87.1893, 93.6832



21.0930, 40.5144, 6.7089



14.3108, 18.3689, 19.6252



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.



25.6349, 42.2011, 36.5010



45.8088, 75.5395, 64.8361



20.1239, 24.1220, 56.4206



10.8390, 12.0245, 13.1025



16.8932, 27.7697, 24.1801



0.8260, 1.3253, 1.2825

Inverse Universe

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



23.5011, 12.0608, 3.5741



42.0102, 21.5681, 5.9860



24.2795, 14.3760, 1.4957



10.7315, 10.6760, 11.5692



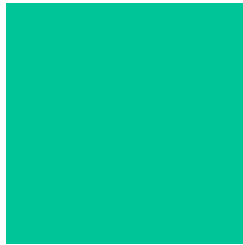
15.4836, 7.9430, 2.4908



0.7618, 0.3876, 0.2689

Previews

White Background



This preview shows how the XYZ color 25.6337, 42.1995, 36.5000 looks on a white background.

Color Contrast Check

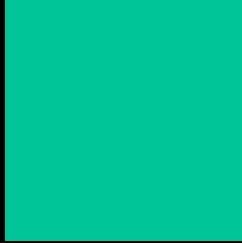
Large Text (above 18pt) WCAG AA × Fail

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 25.6337, 42.1995, 36.5000 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

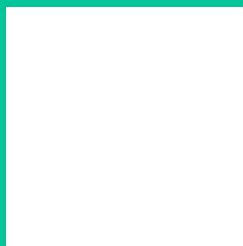
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6337, 42.1995, 36.5000

Background



This preview shows how black text looks on a background with the XYZ color 25.6337, 42.1995, 36.5000.

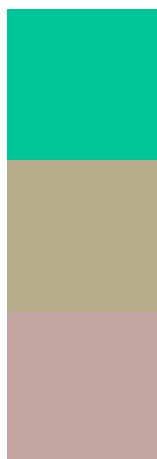


This preview shows how white text looks on a background with the XYZ color 25.6337, 42.1995,

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

25.6337, 42.1995, 36.5000

Protanopia

39.0146, 41.4658, 30.7583

Deuteranopia

42.1424, 41.2450, 38.5408



Tritanopia

31.4195, 42.2588, 64.2584

Trichromacy



Original Color

25.6337, 42.1995, 36.5000



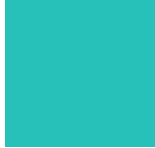
Protanomaly

28.7604, 38.7744, 32.3539



Deuteranomaly

29.8913, 38.0555, 37.2225



Tritanomaly

28.7696, 42.1164, 53.0673

Monochromacy



Original Color

25.6337, 42.1995, 36.5000



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.3684, 27.6017, 29.0651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6337, 42.1995, 36.5000 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.6337, 42.1995, 36.5000 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, 152) }
```


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

```
.border{ border-color:rgb(0, 197, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6337, 42.1995, 36.5000 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, 152) }
```

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

```
.background{ background-color: rgb(0, 197,  
152) }
```

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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