

Converting Colors

XYZ(21.9807, 39.5074, 37.5455)

Have a look what the booklet for
XYZ(21.9807, 39.5074, 37.5455)
contains.

XYZ(25.4315, 41.3968, 37.6603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4315, 41.3968,
37.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	00C39B
RGB	0, 195, 155
RGB Percent	0%, 76%, 61%
CMY	0.9999, 0.2353, 0.3922
CMYK	1.00, 0.00, 0.21, 0.24
HSL	168°, 100%, 38%
HSV	168°, 100%, 76%
XYZ	25.4315, 41.3968, 37.6603
YIQ	132.1350, -103.3800, -53.7800

Conversions

Conversions Part 2

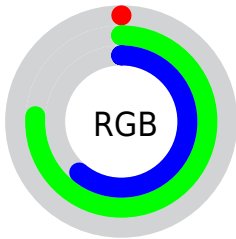
Format	Color
RYB	0, 109, 195
Decimal	50075
CIELab	70.45, -50.45, 8.67
CIELCh	70, 51.190, 170.253
Yxy	41.3968, 0.2434, 0.3962
Android (android.graphics.Color)	4278240155 (0xFF00C39B)
YUV	132.1350, 11.2724, -115.8824
Hunter-Lab	64.3403, -42.0408, 10.3341

Details

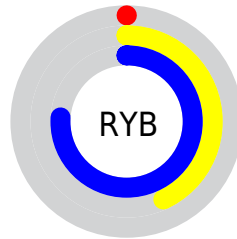
The XYZ color **25.4315, 41.3968, 37.6603** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **22.8902, 11.7564, 3.0726**, and the grayscale version is **21.9713, 23.1155, 25.1727**.

A 20% lighter version of the original color is **51.8894, 77.5633, 72.5580**, and **11.8768, 19.7556, 16.2840** is the 20% darker color. If you saturate the color by 10%, you get **25.4319, 41.3981, 37.6591**, and if you desaturate by 10%, it is **26.0529, 41.6787, 39.4735**.

Distribution



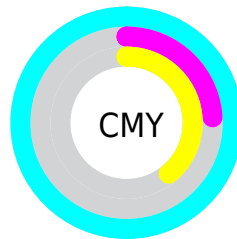
- Red (0%)
- Green (76%)
- Blue (61%)



- Red (0%)
- Yellow (43%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4315, 41.3968, 37.6603 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 25.4315, 41.3968, 37.6603 by changing the saturation by 10% instead.


 25.4315, 41.3968,
37.6603


 25.4315, 41.3968,
37.6603


272.2882,
351.9763, 351.4149


 16.5293, 28.6293,
25.4194


 51.7942, 77.2859,
72.7848


 9.9927, 18.8005,
16.1679


 69.9855, 101.1762,
96.5055


 5.4563, 11.5262,
9.4874


 92.0038, 129.5430,
124.8897

 2.5549, 6.4220,
4.9593

 118.2144,
162.7705, 158.3562

 0.9230, 3.1033,
2.1651

 148.9829,
201.2432, 197.3234

 0.0000, 1.1859,
0.6541

184.6744,

 0.0000, 0.0502,

245.3455, 242.2099

0.0000

225.6544,
295.4617, 293.4342

■ 0.0000, 0.0000,
0.0000

■ 25.4315, 41.3968,
37.6603

■ 25.4315, 41.3968,
37.6603

■ 25.4319, 41.3981,
37.6591

■ 26.0529, 41.6787,
39.4735

■ 26.9646, 42.1079,
41.3581

■ 28.2668, 42.7371,
43.3202

■ 30.0109, 43.5928,
45.3627

■ 32.2401, 44.6973,
47.4881

■ 34.9927, 46.0702,
49.6989

■ 38.3028, 47.7292,
51.9970

■ 42.2017, 49.6904,
54.3845

■ 46.7183, 51.9686,
56.8632

Harmonies

Analogous

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



28.1496, 41.3968, 21.4242



25.4315, 41.3968, 37.6603



26.0103, 41.3968, 63.1361

Triad

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



25.4315, 41.3968, 37.6603



45.2306, 41.3968, 104.1858



50.6516, 41.3968, 17.9670

Complementary

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



25.4315, 41.3968, 37.6603



22.8902, 11.7564, 3.0726

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.



56.6036, 41.3968, 30.8341



25.4315, 41.3968, 37.6603



53.1768, 41.3968, 81.7641

Square

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



25.4315, 41.3968, 37.6603



36.6646, 41.3968, 108.0806



57.5885, 41.3968, 53.4021



42.1559, 41.3968, 13.0492

Rectangle

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



25.4315, 41.3968, 37.6603



28.2233, 41.3968, 82.2320



57.5885, 41.3968, 53.4021



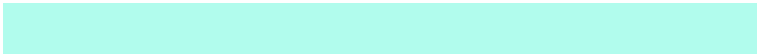
53.0644, 41.3968, 21.2335

Sweetspot

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



25.4326, 41.3984, 37.6613



68.2917, 85.3268, 92.9240



20.4819, 39.5296, 6.5512



14.3741, 18.3942, 19.9583



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.



25.4326, 41.3984, 37.6613



45.4543, 74.1047, 66.9554



19.1939, 22.6263, 54.9873



10.2771, 11.3919, 12.4627



16.5598, 26.9180, 24.6386



0.7384, 1.1722, 1.1852

Inverse Universe

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



22.8902, 11.7564, 3.0726



40.9232, 21.0256, 5.1258



23.8856, 14.3605, 1.5136



10.1558, 10.1109, 10.9112



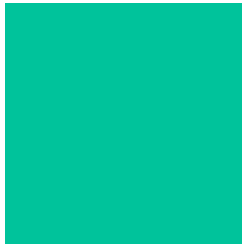
14.9014, 7.6503, 2.1271



0.6693, 0.3407, 0.2258

Previews

White Background



This preview shows how the XYZ color 25.4315, 41.3968, 37.6603 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 25.4315, 41.3968, 37.6603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

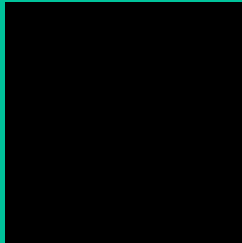
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

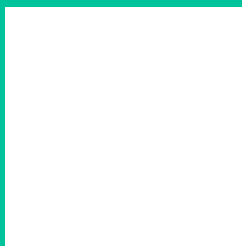
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4315, 41.3968, 37.6603

Background



This preview shows how black text looks on a background with the XYZ color 25.4315, 41.3968, 37.6603.



This preview shows how white text looks on a background with the XYZ color 25.4315, 41.3968,

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

25.4315, 41.3968, 37.6603

Protanopia

38.3432, 40.8123, 31.8433

Deuteranopia

41.4626, 40.5953, 39.8328



Tritanopia

30.6859, 41.2559, 63.4726

Trichromacy



Original Color

25.4315, 41.3968, 37.6603



Protanomaly

28.6579, 38.3939, 33.5041



Deuteranomaly

29.8094, 37.6914, 38.5049



Tritanomaly

28.2931, 41.2188, 52.9192

Monochromacy



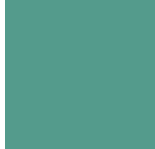
Original Color

25.4315, 41.3968, 37.6603



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 25.4315, 41.3968, 37.6603 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, 195, 155)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 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, 195, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.4315, 41.3968, 37.6603 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, 195, 155) }
```


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

```
.border{ border-color:rgb(0, 195, 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, 195, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 155);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4315, 41.3968, 37.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 155) }
```

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

```
.background{ background-color: rgb(0, 195,  
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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