

Converting Colors

XYZ(26.3169, 37.9720, 53.4444)

Have a look what the booklet for
XYZ(26.3169, 37.9720, 53.4444)
contains.

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Color

**XYZ(26.3302, 37.9699,
53.5181)**

Conversions

Conversions Part 1

Format	Color
Hex	09B8BC
RGB	9, 184, 188
RGB Percent	4%, 72%, 74%
CMY	0.9646, 0.2784, 0.2627
CMYK	0.95, 0.02, 0.00, 0.26
HSL	181°, 91%, 39%
HSV	181°, 95%, 74%
XYZ	26.3302, 37.9699, 53.5181
YIQ	132.1310, -105.5840, -35.8560

Conversions

Conversions Part 2

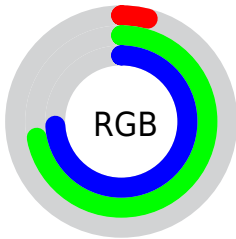
Format	Color
RYB	9, 97, 188
Decimal	637116
CIELab	68.00, -36.12, -13.01
CIELCh	68, 38.392, 199.813
Yxy	37.9699, 0.2235, 0.3223
Android (android.graphics.Color)	4278827196 (0xFF09B8BC)
YUV	132.1310, 27.5434, -107.9859
Hunter-Lab	61.6197, -31.5612, -8.3609

Details

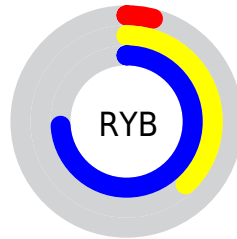
The XYZ color **26.3302, 37.9699, 53.5181** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.9332, 11.0000, 1.2793**, and the grayscale version is **21.9145, 23.0557, 25.1077**.

A 20% lighter version of the original color is **53.3779, 72.3258, 96.7349**, and **12.3558, 17.7145, 25.6897** is the 20% darker color. If you saturate the color by 10%, you get **26.1764, 37.8292, 53.4998**, and if you desaturate by 10%, it is **26.7800, 38.3323, 53.5651**.

Distribution



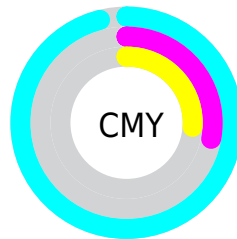
- Red (4%)
- Green (72%)
- Blue (74%)



- Red (4%)
- Yellow (38%)
- Blue (74%)



- Cyan (95%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)





- Cyan (96%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3302, 37.9699, 53.5181 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 26.3302, 37.9699, 53.5181 by changing the saturation by 10% instead.


 26.3302, 37.9699,
53.5181


 26.3302, 37.9699,
53.5181


276.6263,
337.4908, 417.3922


 17.2048, 25.9593,
37.8260


 53.2347, 72.0620,
96.8156


 10.4768, 16.7932,
25.5469


 71.7445, 94.9123,
125.2580


 5.7809, 10.0872,
16.2622


 94.1131, 122.1447,
158.7876

 2.7517, 5.4568,
9.5535

 120.7059,
154.1435, 197.8229

 1.0239, 2.5177,
5.0023

 151.8883,
191.2931, 242.7825

 0.0000, 0.8855,
2.1898

188.0256,

 0.0000, 0.0000,

233.9779, 294.0849

0.6685

229.4832,
282.5824, 352.1486

■ 0.0000, 0.0000,
0.0000

■ 26.3302, 37.9699,
53.5181

■ 26.3302, 37.9699,
53.5181

■ 26.1764, 37.8292,
53.4998

■ 26.7800, 38.3323,
53.5651

■ 27.5488, 38.8587,
53.6261

■ 28.6900, 39.5776,
53.7047

■ 30.2465, 40.5109,
53.8028

■ 32.2553, 41.6777,
53.9222

■ 34.7491, 43.0949,
54.0643

■ 37.7579, 44.7781,
54.2306

■ 41.3091, 46.7412,
54.4224

■ 45.4281, 48.9974,
54.6408

Harmonies

Analogous

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



25.9282, 37.9699, 35.7960



26.3302, 37.9699, 53.5181



29.1765, 37.9699, 71.8899

Triad

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



26.3302, 37.9699, 53.5181



45.5891, 37.9699, 66.3951



38.1581, 37.9699, 16.6913

Complementary

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



26.3302, 37.9699, 53.5181



20.9332, 11.0000, 1.2793

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.



44.0158, 37.9699, 20.9687



26.3302, 37.9699, 53.5181



48.6088, 37.9699, 47.4348

Square

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



26.3302, 37.9699, 53.5181



40.1220, 37.9699, 80.6309



48.0032, 37.9699, 31.1700



32.3362, 37.9699, 17.4835

Rectangle

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



26.3302, 37.9699, 53.5181



32.2707, 37.9699, 80.5162



48.0032, 37.9699, 31.1700



40.1977, 37.9699, 17.5250

Sweetspot

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



26.3314, 37.9713, 53.5190



65.9784, 79.7863, 98.1491



18.1630, 36.0518, 6.3498



13.7002, 16.8841, 21.0794



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3314, 37.9713, 53.5190



47.4143, 68.5072, 96.9504



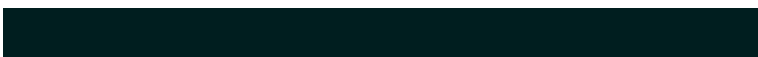
13.3308, 11.9702, 49.1855



9.7898, 10.7720, 12.2354



17.8297, 25.7711, 36.4275



0.7042, 1.0212, 1.4288

Inverse Universe

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



29.4894, 14.3484, 46.5642



53.2154, 25.6281, 84.0597



25.4912, 20.1161, 2.7987



9.9205, 9.6925, 11.9704



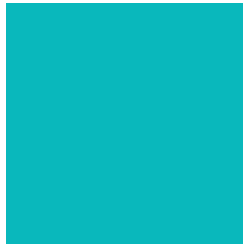
20.0004, 9.6313, 31.6253



0.7864, 0.3784, 1.2543

Previews

White Background



This preview shows how the XYZ color 26.3302, 37.9699, 53.5181 looks on a white background.

Color Contrast Check

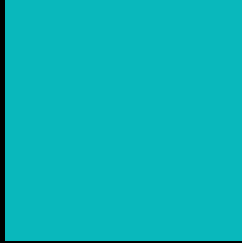
Large Text (above 18pt) WCAG AA × Fail

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 26.3302, 37.9699, 53.5181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

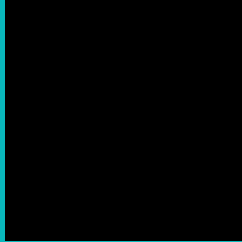
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

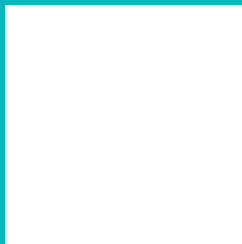
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3302, 37.9699, 53.5181

Background



This preview shows how black text looks on a background with the XYZ color 26.3302, 37.9699, 53.5181.

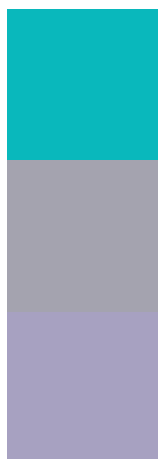


This preview shows how white text looks on a background with the XYZ color 26.3302, 37.9699,

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

26.3302, 37.9699, 53.5181

Protanopia

36.1449, 37.1820, 45.8293

Deuteranopia

38.3069, 37.5555, 55.6820



Tritanopia

27.5470, 38.1742, 58.7398

Trichromacy



Original Color

26.3302, 37.9699, 53.5181



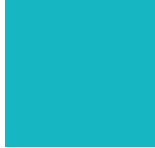
Protanomaly

28.9855, 35.6093, 48.5256



Deuteranomaly

30.0223, 35.4525, 54.5509



Tritanomaly

27.0020, 37.9326, 56.9375

Monochromacy



Original Color

26.3302, 37.9699, 53.5181



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

20.6646, 26.4265, 33.7174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3302, 37.9699, 53.5181 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(9, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(9, 184, 188)  
}
```

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(9, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 26.3302, 37.9699, 53.5181 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(9, 184, 188) }
```


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

```
.border{ border-color:rgb(9, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(9, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3302, 37.9699, 53.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 184, 188) }
```

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

```
.background{ background-color: rgb(9, 184,  
188) }
```

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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