

Converting Colors

XYZ(27.0263, 38.0111, 56.3661)

Have a look what the booklet for
XYZ(27.0263, 38.0111, 56.3661)
contains.

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Color

**XYZ(26.9851, 37.9368,
56.3524)**

Conversions

Conversions Part 1

Format	Color
Hex	1AB7C1
RGB	26, 183, 193
RGB Percent	10%, 72%, 76%
CMY	0.8980, 0.2823, 0.2431
CMYK	0.87, 0.05, 0.00, 0.24
HSL	184°, 76%, 43%
HSV	184°, 87%, 76%
XYZ	26.9851, 37.9368, 56.3524
YIQ	137.1970, -96.7820, -30.1740

Conversions

Conversions Part 2

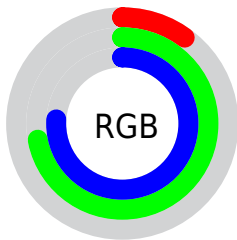
Format	Color
R _Y B	26, 107, 193
Decimal	1750977
CIE Lab	67.97, -33.33, -15.79
CIE LCh	68, 36.886, 205.351
Yxy	37.9368, 0.2225, 0.3128
Android (android.graphics.Color)	4279941057 (0xFF1AB7C1)
YUV	137.1970, 27.5109, -97.5198
Hunter-Lab	61.5929, -29.5830, -11.1305

Details

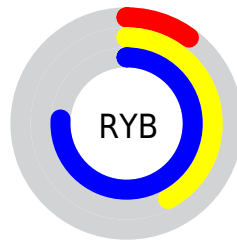
The XYZ color **26.9851, 37.9368, 56.3524** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **22.8107, 12.6751, 2.2227**, and the grayscale version is **23.7803, 25.0187, 27.2454**.

A 20% lighter version of the original color is **54.0288, 71.6984, 100.6141**, and **12.5839, 17.5940, 27.5437** is the 20% darker color. If you saturate the color by 10%, you get **26.4065, 37.2869, 56.2582**, and if you desaturate by 10%, it is **27.8954, 38.7622, 56.4645**.

Distribution



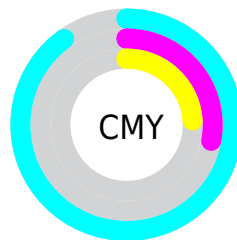
- Red (10%)
- Green (72%)
- Blue (76%)



- Red (10%)
- Yellow (42%)
- Blue (76%)



- Cyan (87%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (90%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9851, 37.9368, 56.3524 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 26.9851, 37.9368, 56.3524 by changing the saturation by 10% instead.

■ 26.9851, 37.9368,
56.3524

■ 26.9851, 37.9368,
56.3524

279.7538,
337.3488, 428.4438

■ 17.6986, 25.9336,
40.0796

■ 54.2800, 72.0113,
101.0106

■ 10.8322, 16.7740,
27.2864

■ 73.0191, 94.8513,
130.2331

■ 6.0205, 10.0735,
17.5541

■ 95.6397, 122.0725,
164.6092

■ 2.8984, 5.4477,
10.4642

■ 122.5073,
154.0592, 204.5576

■ 1.1002, 2.5123,
5.5982

■ 153.9871,
191.1958, 250.4967

■ 0.0253, 0.8828,
2.5375

190.4446,

■ 0.0000, 0.0000,

233.8666, 302.8450

0.8599

232.2451,
282.4562, 362.0212

■ 0.0000, 0.0000,
0.0000

■ 26.9851, 37.9368,
56.3524

■ 26.9851, 37.9368,
56.3524

■ 26.4065, 37.2869,
56.2582

■ 27.8954, 38.7622,
56.4645

■ 26.2402, 37.0791,
56.2268

■ 29.1953, 39.7906,
56.5944

■ 30.9327, 41.0474,
56.7455

■ 33.1478, 42.5534,
56.9194

■ 35.8761, 44.3269,
57.1179

■ 39.1499, 46.3846,
57.3425

■ 42.9988, 48.7417,
57.5947

■ 47.4502, 51.4124,
57.8755

■ 52.5298, 54.4098,
58.1864

Harmonies

Analogous

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



26.1487, 37.9368, 38.8006



26.9851, 37.9368, 56.3524



30.1466, 37.9368, 73.1019

Triad

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



26.9851, 37.9368, 56.3524



45.9078, 37.9368, 61.9813



36.9586, 37.9368, 17.1540

Complementary

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



26.9851, 37.9368, 56.3524



22.8107, 12.6751, 2.2227

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.



42.6953, 37.9368, 20.3980



26.9851, 37.9368, 56.3524



48.1988, 37.9368, 43.9185

Square

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



26.9851, 37.9368, 56.3524



40.9867, 37.9368, 76.9096



46.9653, 37.9368, 29.2101



31.5408, 37.9368, 18.8409

Rectangle

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



26.9851, 37.9368, 56.3524



33.3413, 37.9368, 79.9984



46.9653, 37.9368, 29.2101



38.9180, 37.9368, 17.6725

Sweetspot

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



26.9863, 37.9382, 56.3533



70.1880, 83.1182, 102.7044



19.7908, 38.4780, 7.9253



14.5933, 17.5425, 22.0022



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.9863, 37.9382, 56.3533



46.9297, 66.2760, 100.6794



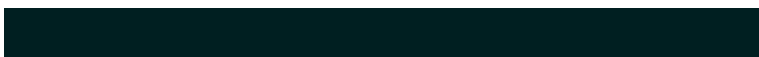
14.7216, 13.4088, 52.2651



10.3152, 11.3218, 12.9265



17.4737, 24.7039, 37.4040



0.7709, 1.0993, 1.6214

Inverse Universe

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



30.9100, 15.4963, 46.1631



54.3747, 26.3000, 80.7595



28.6412, 24.3360, 4.1662



10.4704, 10.2368, 12.5677



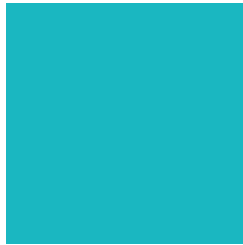
20.2159, 9.7761, 30.1126



0.8815, 0.4256, 1.3434

Previews

White Background



This preview shows how the XYZ color 26.9851, 37.9368, 56.3524 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 26.9851, 37.9368, 56.3524 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

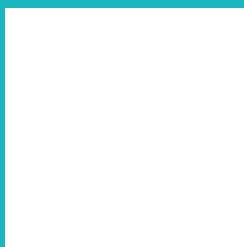
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9851, 37.9368, 56.3524

Background



This preview shows how black text looks on a background with the XYZ color 26.9851, 37.9368, 56.3524.

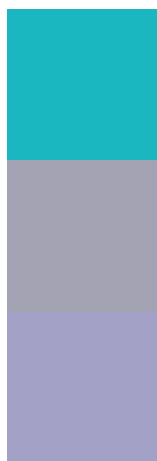


This preview shows how white text looks on a background with the XYZ color 26.9851, 37.9368,

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

26.9851, 37.9368, 56.3524

Protanopia

36.4397, 37.2762, 48.4545

Deuteranopia

38.2478, 37.4595, 58.6406



Tritanopia

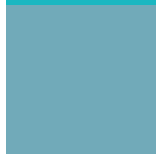
27.4017, 37.7942, 58.6741

Trichromacy



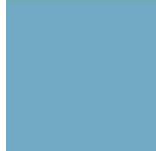
Original Color

26.9851, 37.9368, 56.3524



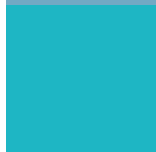
Protanomaly

29.9417, 35.7629, 51.2238



Deuteranomaly

31.0912, 35.9389, 57.5228



Tritanomaly

27.2272, 37.7174, 58.0697

Monochromacy



Original Color

26.9851, 37.9368, 56.3524



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

22.5712, 28.0869, 36.1300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9851, 37.9368, 56.3524 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(26, 183, 193)` looks like.

```
.text, #text, p{  
    color:rgb(26, 183, 193)  
}
```

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(26, 183, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 183, 193) }
```

Border

The CSS property to change the border of an element to XYZ 26.9851, 37.9368, 56.3524 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(26, 183, 193) }
```


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

```
.border{ border-color:rgb(26, 183, 193) }
```

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

Here you see how a box with a 4 pixel rgb(26, 183, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 183, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 183, 193);  
box-shadow:4px 4px 4px 4px rgb(26, 183,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9851, 37.9368, 56.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 183, 193) }
```

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

```
.background{ background-color: rgb(26, 183,  
193) }
```

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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