

Converting Colors

XYZ(25.7432, 36.8770, 54.6239)

Have a look what the booklet for
XYZ(25.7432, 36.8770, 54.6239)
contains.

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Color

**XYZ(26.0222, 37.1736,
54.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	00B6BE
RGB	0, 182, 190
RGB Percent	0%, 71%, 75%
CMY	0.9999, 0.2863, 0.2549
CMYK	1.00, 0.04, 0.00, 0.25
HSL	183°, 100%, 37%
HSV	183°, 100%, 75%
XYZ	26.0222, 37.1736, 54.5189
YIQ	128.4940, -111.0400, -36.0960

Conversions

Conversions Part 2

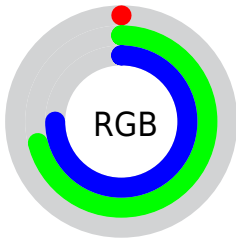
Format	Color
RYB	0, 93, 190
Decimal	46782
CIELab	67.41, -34.85, -15.01
CIELCh	67, 37.941, 203.304
Yxy	37.1736, 0.2211, 0.3158
Android (android.graphics.Color)	4278236862 (0xFF00B6BE)
YUV	128.4940, 30.3225, -112.6892
Hunter-Lab	60.9702, -30.5136, -10.3374

Details

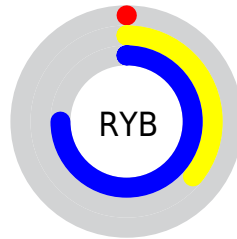
The XYZ color **26.0222, 37.1736, 54.5189** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.3229, 11.1219, 1.0240**, and the grayscale version is **20.6193, 21.6931, 23.6238**.

A 20% lighter version of the original color is **52.5759, 70.5696, 98.0390**, and **12.2345, 17.2445, 26.3506** is the 20% darker color. If you saturate the color by 10%, you get **26.0225, 37.1741, 54.5197**, and if you desaturate by 10%, it is **26.4565, 37.6422, 54.5872**.

Distribution



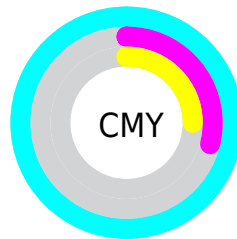
- Red (0%)
- Green (71%)
- Blue (75%)



- Red (0%)
- Yellow (36%)
- Blue (75%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0222, 37.1736, 54.5189 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 26.0222, 37.1736, 54.5189 by changing the saturation by 10% instead.

■ 26.0222, 37.1736,
54.5189

■ 26.0222, 37.1736,
54.5189

275.1457,
334.0615, 421.3161

■ 16.9730, 25.3419,
38.6207

■ 52.7418, 70.8397,
98.2998

■ 10.3104, 16.3320,
26.1592

■ 71.1429, 93.4429,
127.0195

■ 5.6691, 9.7594,
16.7159

■ 93.3921, 120.4055,
160.8502

■ 2.6837, 5.2397,
9.8724

■ 119.8546,
152.1117, 200.2103

■ 0.9888, 2.3886,
5.2099

■ 150.8959,
188.9460, 245.5184

■ 0.0000, 0.8200,
2.3101

186.8813,

■ 0.0000, 0.0000,

231.2928, 297.1930

0.7368

228.1761,
279.5365, 355.6527

■ 0.0000, 0.0000,
0.0000

■ 26.0222, 37.1736,
54.5189

■ 26.0222, 37.1736,
54.5189

■ 26.0225, 37.1741,
54.5197

■ 26.4565, 37.6422,
54.5872

■ 27.1532, 38.2467,
54.6671

■ 28.2082, 39.0373,
54.7641

■ 29.6694, 40.0386,
54.8804

■ 31.5772, 41.2717,
55.0178

■ 33.9674, 42.7548,
55.1781

■ 36.8719, 44.5044,
55.3627

■ 40.3200, 46.5357,
55.5731

■ 44.3388, 48.8626,
55.8104

Harmonies

Analogous

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



25.3461, 37.1736, 36.8540



26.0222, 37.1736, 54.5189



29.0604, 37.1736, 71.9811

Triad

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



26.0222, 37.1736, 54.5189



45.0823, 37.1736, 62.7970



36.6528, 37.1736, 16.2666

Complementary

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



26.0222, 37.1736, 54.5189



21.3229, 11.1219, 1.0240

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.



42.4475, 37.1736, 19.8389



26.0222, 37.1736, 54.5189



47.6477, 37.1736, 44.3273

Square

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



26.0222, 37.1736, 54.5189



39.9452, 37.1736, 77.6047



46.6342, 37.1736, 29.0784



31.0891, 37.1736, 17.6061

Rectangle

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



26.0222, 37.1736, 54.5189



32.2151, 37.1736, 79.5704



46.6342, 37.1736, 29.0784



38.6446, 37.1736, 16.8909

Sweetspot

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



26.0234, 37.1750, 54.5198



66.5268, 80.4750, 100.3060



18.4491, 36.8416, 6.3217



14.0939, 17.3633, 21.9939



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.



26.0234, 37.1750, 54.5198



47.1080, 67.2678, 98.7803



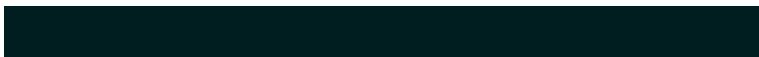
12.8413, 10.8109, 50.1258



9.7732, 10.7388, 12.2299



17.3182, 24.7482, 36.2570



0.6891, 0.9909, 1.4238

Inverse Universe

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



29.6797, 14.3256, 45.4582



53.7579, 25.9485, 82.2462



25.9236, 20.3232, 2.5575



9.9121, 9.6892, 11.9263



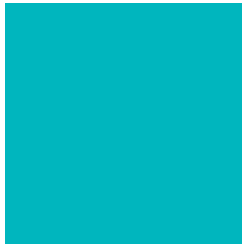
19.7422, 9.5280, 30.2657



0.7787, 0.3754, 1.2141

Previews

White Background



This preview shows how the XYZ color 26.0222, 37.1736, 54.5189 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 26.0222, 37.1736, 54.5189 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

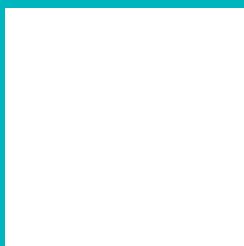
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0222, 37.1736, 54.5189

Background



This preview shows how black text looks on a background with the XYZ color 26.0222, 37.1736, 54.5189.

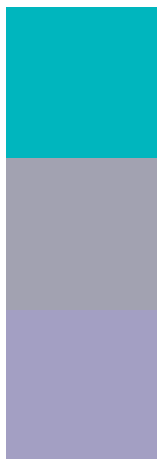


This preview shows how white text looks on a background with the XYZ color 26.0222, 37.1736,

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

26.0222, 37.1736, 54.5189

Protanopia

35.7564, 36.6964, 46.7935

Deuteranopia

37.3527, 36.5229, 56.7107



Tritanopia

26.8410, 37.2154, 57.9932

Trichromacy



Original Color

26.0222, 37.1736, 54.5189



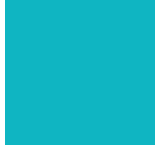
Protanomaly

28.2250, 34.6369, 49.4539



Deuteranomaly

29.1533, 34.4307, 55.5613



Tritanomaly

26.4585, 37.0443, 56.7947

Monochromacy



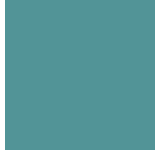
Original Color

26.0222, 37.1736, 54.5189



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

19.6555, 25.2080, 33.1078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0222, 37.1736, 54.5189 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, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 190)  
}
```

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, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 190) }
```

Border

The CSS property to change the border of an element to XYZ 26.0222, 37.1736, 54.5189 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, 182, 190) }
```


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

```
.border{ border-color:rgb(0, 182, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 182, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 182,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0222, 37.1736, 54.5189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 190) }
```

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

```
.background{ background-color: rgb(0, 182,  
190) }
```

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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