

Converting Colors

XYZ(26.7252, 36.9096, 36.9951)

Have a look what the booklet for
XYZ(26.7252, 36.9096, 36.9951)
contains.

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Color

**XYZ(26.8402, 37.0734,
37.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB39C
RGB	95, 179, 156
RGB Percent	37%, 70%, 61%
CMY	0.6274, 0.2980, 0.3882
CMYK	0.47, 0.00, 0.13, 0.30
HSL	164°, 36%, 54%
HSV	164°, 47%, 70%
XYZ	26.8402, 37.0734, 37.1937
YIQ	151.2620, -42.6810, -24.9610

Conversions

Conversions Part 2

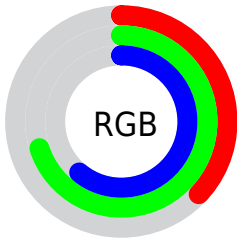
Format	Color
RYB	95, 144, 179
Decimal	6271900
CIELab	67.33, -31.16, 3.87
CIELCh	67, 31.395, 172.924
Yxy	37.0734, 0.2655, 0.3667
Android (android.graphics.Color)	4284461980 (0xFF5FB39C)
YUV	151.2620, 2.3358, -49.3418
Hunter-Lab	60.8879, -27.8687, 6.4040

Details

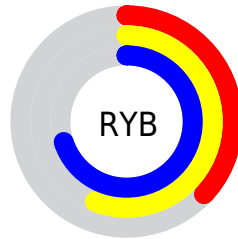
The XYZ color **26.8402, 37.0734, 37.1937** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.9539, 19.0772, 19.4555**, and the grayscale version is **29.5319, 31.0699, 33.8351**.

A 20% lighter version of the original color is **53.9189, 70.5538, 71.7492**, and **10.8100, 16.3537, 15.9514** is the 20% darker color. If you saturate the color by 10%, you get **24.7836, 36.0611, 34.9749**, and if you desaturate by 10%, it is **29.3428, 38.3156, 39.5225**.

Distribution



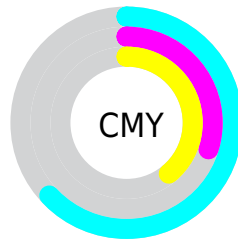
- Red (37%)
- Green (70%)
- Blue (61%)



- Red (37%)
- Yellow (56%)
- Blue (70%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)



- Cyan (63%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8402, 37.0734, 37.1937 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 26.8402, 37.0734, 37.1937 by changing the saturation by 10% instead.

■ 26.8402, 37.0734,
37.1937

■ 26.8402, 37.0734,
37.1937

279.0642,
333.6282, 349.3423

■ 17.5892, 25.2643,
25.0605

■ 54.0490, 70.6857,
72.0602

■ 10.7534, 16.2741,
15.9027

■ 72.7376, 93.2576,
95.6307

■ 5.9673, 9.7183,
9.3017

■ 95.3027, 120.1860,
123.8507

■ 2.8657, 5.2126,
4.8390

■ 122.1097,
151.8553, 157.1387

■ 1.0831, 2.3725,
2.0960

153.5241,
188.6497, 195.9134

■ 0.0109, 0.8117,
0.6134

189.9110,

■ 0.0000, 0.0000,

230.9537, 240.5932

0.0000

231.6360,
279.1518, 291.5966

■ 26.8402, 37.0734,
37.1937

■ 26.8402, 37.0734,
37.1937

■ 24.7836, 36.0611,
34.9749

■ 29.3428, 38.3156,
39.5225

■ 23.1401, 35.2590,
32.8610

■ 32.3155, 39.7971,
41.9609

■ 21.8771, 34.6510,
30.8503


■ 35.7840, 41.5323,
44.5120


■ 20.9554, 34.2172,
28.9400


■ 39.7714, 43.5330,
47.1778


■ 20.3198, 33.9291,
27.1263


■ 44.2993, 45.8104,
49.9602

 20.1491, 33.8528,
26.5866

 49.3881, 48.3748,
52.8612

 55.0570, 51.2362,
55.8825

 61.3244, 54.4041,
59.0260

 67.7997, 57.6770,
62.2743

Harmonies

Analogous

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



28.3676, 37.0734, 26.4227



26.8402, 37.0734, 37.1937



27.3939, 37.0734, 51.5757

Triad

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



26.8402, 37.0734, 37.1937



38.9599, 37.0734, 69.9726



41.1063, 37.0734, 22.7213

Complementary

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



26.8402, 37.0734, 37.1937



25.9539, 19.0772, 19.4555

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.



44.4506, 37.0734, 30.9120



26.8402, 37.0734, 37.1937



43.1349, 37.0734, 58.5138

Square

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



26.8402, 37.0734, 37.1937



34.1111, 37.0734, 72.7329



45.2248, 37.0734, 43.7151



36.3877, 37.0734, 19.3893

Rectangle

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



26.8402, 37.0734, 37.1937



28.8951, 37.0734, 61.2024



45.2248, 37.0734, 43.7151



42.4453, 37.0734, 24.8943

Sweetspot

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



26.8412, 37.0749, 37.1946



65.9136, 75.2967, 80.9807



25.7672, 36.9758, 16.6062



14.2801, 16.5200, 17.7185



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.8412, 37.0749, 37.1946



44.3787, 64.5789, 62.6291



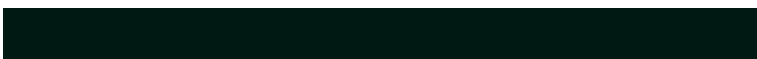
25.5671, 31.1089, 47.3066



8.6414, 9.5910, 10.3711



14.2662, 23.9324, 18.9364



0.4719, 0.7622, 0.7170

Inverse Universe

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



25.9539, 19.0772, 19.4555



42.6211, 28.5129, 27.1829



26.5847, 22.2660, 13.7238



8.5888, 8.5422, 9.3331



13.5529, 6.9387, 2.8058



0.4516, 0.2284, 0.2208

Previews

White Background



This preview shows how the XYZ color 26.8402, 37.0734, 37.1937 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 26.8402, 37.0734, 37.1937 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

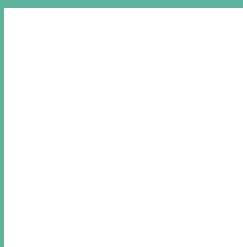
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8402, 37.0734, 37.1937

Background



This preview shows how black text looks on a background with the XYZ color 26.8402, 37.0734, 37.1937.

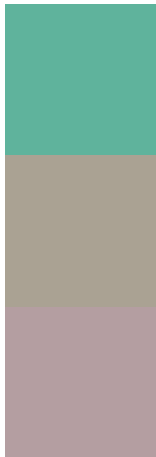


This preview shows how white text looks on a background with the XYZ color 26.8402, 37.0734,

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

26.8402, 37.0734, 37.1937

Protanopia

34.7644, 36.4933, 32.8154

Deuteranopia

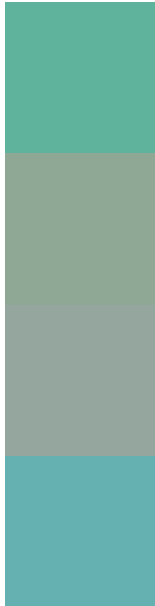
37.4823, 36.7302, 38.8323



Tritanopia

29.9221, 36.8460, 53.1119

Trichromacy



Original Color

26.8402, 37.0734, 37.1937

Protanomaly

30.8353, 36.0469, 34.1867

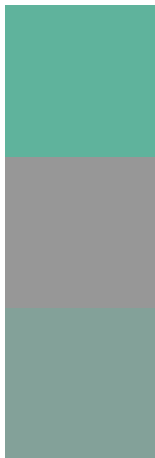
Deuteranomaly

32.2887, 36.1652, 38.0797

Tritanomaly

28.7286, 36.9520, 46.6926

Monochromacy



Original Color

26.8402, 37.0734, 37.1937

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.8547, 32.6149, 34.9642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8402, 37.0734, 37.1937 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(95, 179, 156)` looks like.

```
.text, #text, p{  
    color:rgb(95, 179, 156)  
}
```

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(95, 179, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 179, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.8402, 37.0734, 37.1937 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(95, 179, 156) }
```


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

```
.border{ border-color:rgb(95, 179, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 179, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 179, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 179, 156);  
box-shadow:4px 4px 4px 4px rgb(95, 179,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8402, 37.0734, 37.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 179, 156) }
```

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

```
.background{ background-color: rgb(95, 179,  
156) }
```

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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