

Converting Colors

XYZ(26.6785, 37.0766, 35.6943)

Have a look what the booklet for
XYZ(26.6785, 37.0766, 35.6943)
contains.

XYZ(26.6937, 37.0269, 35.8770)	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(26.6937, 37.0269,
35.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	60B399
RGB	96, 179, 153
RGB Percent	38%, 70%, 60%
CMY	0.6235, 0.2980, 0.4000
CMYK	0.46, 0.00, 0.15, 0.30
HSL	161°, 35%, 54%
HSV	161°, 46%, 70%
XYZ	26.6937, 37.0269, 35.8770
YIQ	151.2190, -41.1220, -25.6820

Conversions

Conversions Part 2

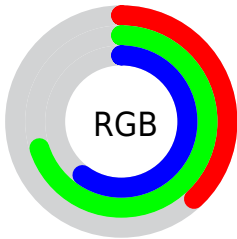
Format	Color
RYB	96, 145, 179
Decimal	6337433
CIELab	67.30, -31.60, 5.48
CIELCh	67, 32.075, 170.168
Yxy	37.0269, 0.2680, 0.3718
Android (android.graphics.Color)	4284527513 (0xFF60B399)
YUV	151.2190, 0.8780, -48.4271
Hunter-Lab	60.8497, -28.1822, 7.6374

Details

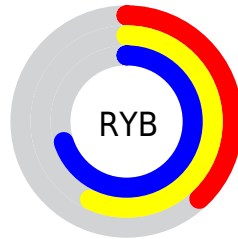
The XYZ color **26.6937, 37.0269, 35.8770** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.2873, 19.3554, 20.7641**, and the grayscale version is **29.5190, 31.0562, 33.8202**.

A 20% lighter version of the original color is **53.7333, 70.5010, 69.8075**, and **10.6958, 16.3124, 15.1552** is the 20% darker color. If you saturate the color by 10%, you get **24.5684, 35.9845, 33.4169**, and if you desaturate by 10%, it is **29.2716, 38.3020, 38.4736**.

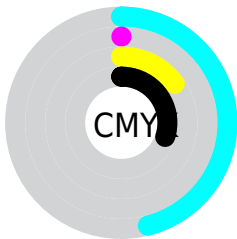
Distribution



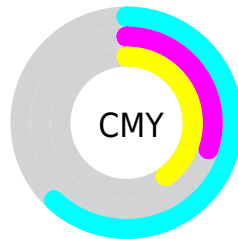
- Red (38%)
- Green (70%)
- Blue (60%)



- Red (38%)
- Yellow (57%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6937, 37.0269, 35.8770 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 26.6937, 37.0269, 35.8770 by changing the saturation by 10% instead.

■ 26.6937, 37.0269,
35.8770

■ 26.6937, 37.0269,
35.8770

278.3657,
333.4270, 343.4438

■ 17.4787, 25.2283,
24.0503

■ 53.8153, 70.6142,
70.0091

■ 10.6738, 16.2472,
15.1584

■ 72.4527, 93.1716,
93.1515

■ 5.9136, 9.6993,
8.7828

■ 94.9615, 120.0842,
120.9029

■ 2.8328, 5.2000,
4.5049

■ 121.7072,
151.7362, 153.6819

■ 1.0660, 2.3651,
1.9062

153.0551,
188.5121, 191.9069

■ 0.0000, 0.8078,
0.4967

189.3706,

■ 0.0000, 0.0000,

230.7963, 235.9965

0.0000

231.0190,
278.9731, 286.3693

■ 26.6937, 37.0269,
35.8770

■ 26.6937, 37.0269,
35.8770

■ 24.5684, 35.9845,
33.4169

■ 29.2716, 38.3020,
38.4736

■ 22.8629, 35.1550,
31.0877

■ 32.3261, 39.8193,
41.2068

■ 21.5446, 34.5228,
28.8872

■ 35.8829, 41.5930,
44.0802

■ 20.5747, 34.0677,
26.8119

■ 39.9653, 43.6350,
47.0963

■ 19.9015, 33.7632,
24.8578

■ 44.5946, 45.9564,
50.2575

■ 19.6913, 33.6698,
24.1760

■ 49.7915, 48.5676,
53.5662

■ 55.5750, 51.4786,
57.0247

■ 61.9637, 54.6988,
60.6351

■ 68.1964, 57.8358,
64.3633

Harmonies

Analogous

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



28.4356, 37.0269, 25.3709



26.6937, 37.0269, 35.8770



27.0611, 37.0269, 50.3644

Triad

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



26.6937, 37.0269, 35.8770



38.5459, 37.0269, 71.3589



41.5867, 37.0269, 22.9270

Complementary

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



26.6937, 37.0269, 35.8770



26.2873, 19.3554, 20.7641

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.



44.8097, 37.0269, 31.7018



26.6937, 37.0269, 35.8770



42.9441, 37.0269, 60.2115

Square

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



26.6937, 37.0269, 35.8770



33.6068, 37.0269, 73.2177



45.3282, 37.0269, 45.1068



36.8283, 37.0269, 19.1280

Rectangle

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



26.6937, 37.0269, 35.8770



28.4664, 37.0269, 60.3700



45.3282, 37.0269, 45.1068



42.9036, 37.0269, 25.2820

Sweetspot

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



26.6947, 37.0284, 35.8779



65.7413, 75.2278, 80.0734



26.2987, 37.2446, 16.8696



14.2366, 16.5026, 17.4892



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.



26.6947, 37.0284, 35.8779



43.8033, 64.3487, 59.5991



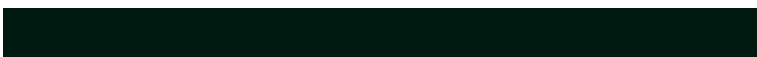
26.1984, 32.2162, 47.4871



8.6271, 9.5853, 10.2958



13.9446, 23.8038, 17.2430



0.4636, 0.7589, 0.6736

Inverse Universe

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



26.2873, 19.3554, 20.7641



43.0000, 28.6644, 29.1780



26.4109, 21.8454, 13.8914



8.6024, 8.5477, 9.4046



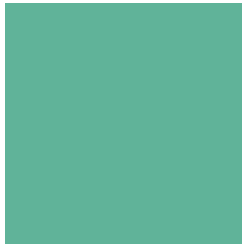
13.6689, 6.9851, 3.4166



0.4571, 0.2306, 0.2498

Previews

White Background



This preview shows how the XYZ color 26.6937, 37.0269, 35.8770 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 26.6937, 37.0269, 35.8770 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

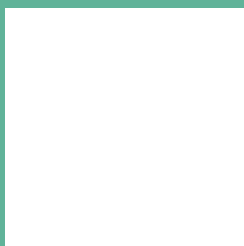
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6937, 37.0269, 35.8770

Background



This preview shows how black text looks on a background with the XYZ color 26.6937, 37.0269, 35.8770.

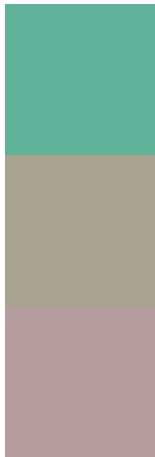


This preview shows how white text looks on a background with the XYZ color 26.6937, 37.0269,

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

26.6937, 37.0269, 35.8770

Protanopia

34.5319, 36.4003, 31.5915

Deuteranopia

37.2846, 36.4063, 37.4098



Tritanopia

30.1570, 36.9671, 53.1229

Trichromacy



Original Color

26.6937, 37.0269, 35.8770



Protanomaly

30.5968, 35.9515, 32.9305



Deuteranomaly

32.0336, 35.7946, 36.6732



Tritanomaly

28.7427, 36.9706, 46.1786

Monochromacy



Original Color

26.6937, 37.0269, 35.8770



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.7724, 32.5820, 34.5310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6937, 37.0269, 35.8770 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(96, 179, 153) looks like.

```
.text, #text, p{  
    color:rgb(96, 179, 153)  
}
```

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(96, 179, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 179, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.6937, 37.0269, 35.8770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

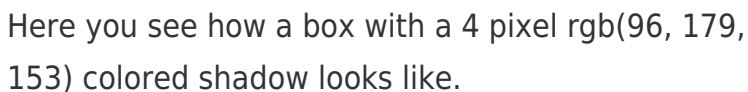
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 179, 153) }
```


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

```
.border{ border-color:rgb(96, 179, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 179, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 179, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 179, 153);  
box-shadow:4px 4px 4px 4px rgb(96, 179,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6937, 37.0269, 35.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 179, 153) }
```

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

```
.background{ background-color: rgb(96, 179,  
153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor