

Converting Colors

XYZ(27.0750, 35.2013, 37.7737)

Have a look what the booklet for
XYZ(27.0750, 35.2013, 37.7737)
contains.

XYZ(26.9875, 35.0995, 37.7002)	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(26.9875, 35.0995,
37.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	6BAC9E
RGB	107, 172, 158
RGB Percent	42%, 67%, 62%
CMY	0.5804, 0.3255, 0.3804
CMYK	0.38, 0.00, 0.08, 0.33
HSL	167°, 28%, 55%
HSV	167°, 38%, 67%
XYZ	26.9875, 35.0995, 37.7002
YIQ	150.9690, -34.2460, -18.1340

Conversions

Conversions Part 2

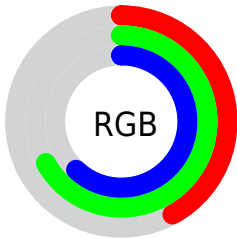
Format	Color
RYB	107, 143, 172
Decimal	7056542
CIELab	65.83, -24.07, 0.64
CIELCh	66, 24.074, 178.478
Yxy	35.0995, 0.2705, 0.3517
Android (android.graphics.Color)	4285246622 (0xFF6BAC9E)
YUV	150.9690, 3.4663, -38.5608
Hunter-Lab	59.2448, -22.3672, 3.7424

Details

The XYZ color **26.9875, 35.0995, 37.7002** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.7234, 20.6675, 20.7241**, and the grayscale version is **29.3991, 30.9301, 33.6829**.

A 20% lighter version of the original color is **54.4516, 67.8680, 73.1807**, and **10.8262, 15.0674, 16.2476** is the 20% darker color. If you saturate the color by 10%, you get **24.8078, 34.0130, 35.9589**, and if you desaturate by 10%, it is **29.5902, 36.4047, 39.5130**.

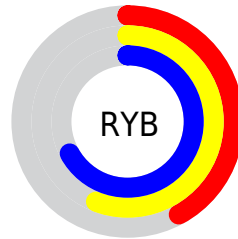
Distribution



Red (42%)

Green (67%)

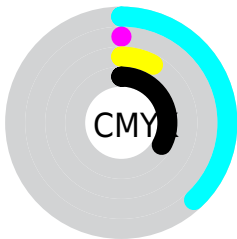
Blue (62%)



Red (42%)

Yellow (56%)

Blue (67%)

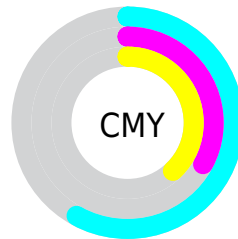


Cyan (38%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (58%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9875, 35.0995, 37.7002 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 26.9875, 35.0995, 37.7002 by changing the saturation by 10% instead.


 26.9875, 35.0995,
37.7002


 26.9875, 35.0995,
37.7002


279.7652,
325.0073, 351.5917


 17.7004, 23.7395,
25.4501


 54.2838, 67.6399,
72.8467


 10.8335, 15.1405,
16.1906


 73.0238, 89.5891,
96.5802

 6.0214, 8.9181,
9.5033


 95.6453, 115.8368,
124.9785

 2.8989, 4.6878,
4.9696

 122.5139,
146.7675, 158.4602

 1.1005, 2.0653,
2.1710

153.9948,
182.7655, 197.4438

 0.0256, 0.6450,
0.6576

190.4534,

 0.0000, 0.0000,

224.2152, 242.3479

0.0000

232.2551,
271.5010, 293.5910

■ 26.9875, 35.0995,
37.7002

■ 26.9875, 35.0995,
37.7002

■ 24.8078, 34.0130,
35.9589

■ 29.5902, 36.4047,
39.5130

■ 23.0235, 33.1284,
34.2852

■ 32.6354, 37.9360,
41.3964

■ 21.6083, 32.4329,
32.6780


■ 36.1451, 39.7057,
43.3525


■ 20.5315, 31.9108,
31.1356


■ 40.1389, 41.7238,
45.3828


■ 19.7574, 31.5437,
29.6558


■ 44.6352, 43.9998,
47.4886


 19.2283, 31.3019,
28.2354

 49.6516, 46.5427,
49.6709

 19.1229, 31.2542,
27.9285

 55.2047, 49.3611,
51.9311

 61.3103, 52.4633,
54.2703

 65.4355, 54.5432,
56.5702

Harmonies

Analogous

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



27.8700, 35.0995, 28.8742



26.9875, 35.0995, 37.7002



27.7094, 35.0995, 48.3258

Triad

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



26.9875, 35.0995, 37.7002



36.7255, 35.0995, 58.1227



37.0615, 35.0995, 23.8483

Complementary

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



26.9875, 35.0995, 37.7002



25.7234, 20.6675, 20.7241

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.



39.7332, 35.0995, 29.6271



26.9875, 35.0995, 37.7002



39.5297, 35.0995, 49.3857

Square

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



26.9875, 35.0995, 37.7002



33.1799, 35.0995, 61.3006



40.6664, 35.0995, 38.7393



33.5428, 35.0995, 21.8064

Rectangle

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



26.9875, 35.0995, 37.7002



29.0344, 35.0995, 54.8164



40.6664, 35.0995, 38.7393



38.0975, 35.0995, 25.3612

Sweetspot

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



26.9885, 35.1009, 37.7010



63.3040, 70.8857, 77.4208



25.3043, 34.6390, 19.2629



13.5752, 15.3132, 16.7246



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.9885, 35.1009, 37.7010



45.7294, 62.0636, 65.8492



24.9978, 29.0795, 43.3268



8.1613, 9.0421, 9.8746



14.2507, 23.2656, 20.8919



0.4146, 0.6545, 0.6770

Inverse Universe

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



25.7234, 20.6675, 20.7241



43.1239, 32.2313, 30.8062



27.0548, 24.6062, 17.2341



8.0732, 8.0425, 8.6965



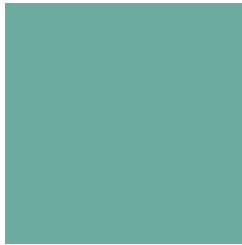
12.9270, 6.6333, 1.9949



0.3793, 0.1924, 0.1591

Previews

White Background



This preview shows how the XYZ color 26.9875, 35.0995, 37.7002 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 26.9875, 35.0995, 37.7002 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

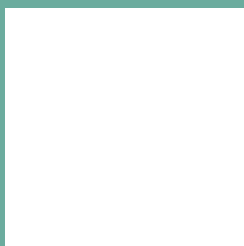
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9875, 35.0995, 37.7002

Background



This preview shows how black text looks on a background with the XYZ color 26.9875, 35.0995, 37.7002.

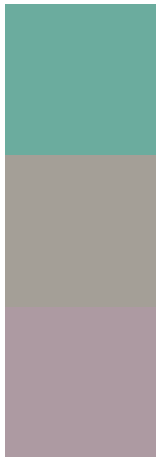


This preview shows how white text looks on a background with the XYZ color 26.9875, 35.0995,

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

26.9875, 35.0995, 37.7002

Protanopia

33.2939, 34.9232, 34.2642

Deuteranopia

35.3108, 34.6041, 39.0006



Tritanopia

29.2562, 34.8934, 49.4491

Trichromacy



Original Color

26.9875, 35.0995, 37.7002

Protanomaly

30.4359, 34.7237, 35.6700

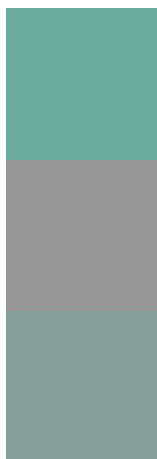
Deuteranomaly

31.5723, 34.4525, 38.7042

Tritanomaly

28.2863, 34.7726, 44.7561

Monochromacy



Original Color

26.9875, 35.0995, 37.7002

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.2225, 32.2803, 35.3151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9875, 35.0995, 37.7002 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(107, 172, 158)` looks like.

```
.text, #text, p{  
    color:rgb(107, 172, 158)  
}
```

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(107, 172, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 172, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.9875, 35.0995, 37.7002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

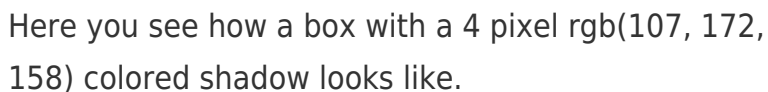
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 172, 158) }
```


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

```
.border{ border-color:rgb(107, 172, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 172, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 172, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 172, 158);  
box-shadow:4px 4px 4px 4px rgb(107, 172,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9875, 35.0995, 37.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 172, 158) }
```

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

```
.background{ background-color: rgb(107,  
172, 158) }
```

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