

Converting Colors

XYZ(31.0338, 37.8891, 36.9367)

Have a look what the booklet for
XYZ(31.0338, 37.8891, 36.9367)
contains.

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Color

**XYZ(30.9683, 37.7407,
37.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	86AE9C
RGB	134, 174, 156
RGB Percent	53%, 68%, 61%
CMY	0.4745, 0.3176, 0.3882
CMYK	0.23, 0.00, 0.10, 0.32
HSL	153°, 20%, 60%
HSV	153°, 23%, 68%
XYZ	30.9683, 37.7407, 37.1050
YIQ	159.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

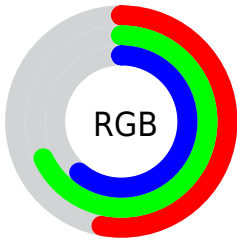
Format	Color
RYB	134, 160, 174
Decimal	8826524
CIELab	67.83, -17.28, 4.84
CIELCh	68, 17.940, 164.362
Yxy	37.7407, 0.2927, 0.3567
Android (android.graphics.Color)	4287016604 (0xFF86AE9C)
YUV	159.9880, -1.9661, -22.7915
Hunter-Lab	61.4335, -17.5276, 7.1930

Details

The XYZ color **30.9683, 37.7407, 37.1050** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.6494, 28.3168, 33.5049**, and the grayscale version is **33.4236, 35.1643, 38.2939**.

A 20% lighter version of the original color is **60.6687, 71.9381, 71.6606**, and **12.9545, 16.5337, 15.8731** is the 20% darker color. If you saturate the color by 10%, you get **27.7782, 36.1713, 33.6056**, and if you desaturate by 10%, it is **34.6596, 39.5656, 40.8527**.

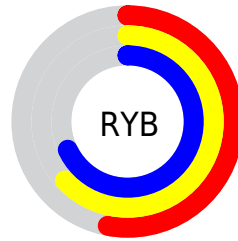
Distribution



Red (53%)

Green (68%)

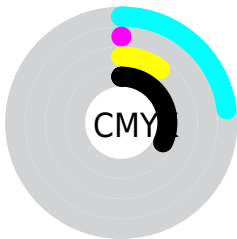
Blue (61%)



Red (53%)

Yellow (63%)

Blue (68%)

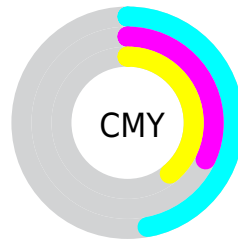


Cyan (23%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (47%)

Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9683, 37.7407, 37.1050 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 30.9683, 37.7407, 37.1050 by changing the saturation by 10% instead.

■ 30.9683, 37.7407,
37.1050

■ 30.9683, 37.7407,
37.1050

298.2217,
336.5063, 348.9473

■ 20.7264, 25.7815,
24.9924

■ 60.5663, 71.7105,
71.9224

■ 13.0355, 16.6603,
15.8524

■ 80.6532, 94.4899,
95.4642

■ 7.5302, 9.9926,
9.2665

■ 104.7525,
121.6449, 123.6529

■ 3.8451, 5.3940,
4.8163

133.2294,
153.5597, 156.9069

■ 1.6149, 2.4803,
2.0830

166.4495,
190.6189, 195.6448

■ 0.4021, 0.8667,
0.6056

204.7780,

■ 0.0000, 0.0000,

233.2068, 240.2851

0.0000

248.5803,
281.7078, 291.2464

■ 30.9683, 37.7407,
37.1050

■ 30.9683, 37.7407,
37.1050

■ 27.7782, 36.1713,
33.6056

■ 34.6596, 39.5656,
40.8527

■ 25.0630, 34.8409,
30.3466

■ 38.8705, 41.6522,
44.8511

■ 22.7989, 33.7383,
27.3235

■ 43.6224, 44.0126,
49.1061

■ 20.9584, 32.8494,
24.5305

■ 48.9342, 46.6565,
53.6223

■ 19.5110, 32.1586,
21.9617

■ 54.8243, 49.5933,
58.4045

■ 18.4218, 31.6480,
19.6106

■ 61.3100, 52.8317,
63.4570

■ 17.6493, 31.2963,
17.4705

■ 68.1116, 56.2274,
68.7703

■ 17.2341, 31.1124,
16.0903

■ 69.1165, 56.6294,
74.0620

■ 70.1698, 57.0507,
79.6090

Harmonies

Analogous

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



32.2638, 37.7407, 31.0955



30.9683, 37.7407, 37.1050



30.9404, 37.7407, 45.0069

Triad

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



30.9683, 37.7407, 37.1050



37.2131, 37.7407, 57.7707



39.8284, 37.7407, 31.2960

Complementary

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



30.9683, 37.7407, 37.1050



31.6494, 28.3168, 33.5049

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.



41.3003, 37.7407, 37.4132



30.9683, 37.7407, 37.1050



39.7383, 37.7407, 53.0325

Square

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



30.9683, 37.7407, 37.1050



34.4504, 37.7407, 57.6601



41.2665, 37.7407, 45.3574



37.3310, 37.7407, 28.0489

Rectangle

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



30.9683, 37.7407, 37.1050



31.6392, 37.7407, 50.3491



41.2665, 37.7407, 45.3574



40.4652, 37.7407, 33.0474

Sweetspot

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



30.9694, 37.7423, 37.1058



67.2294, 73.9258, 78.2975



32.5144, 38.7349, 28.3177



14.8434, 16.3817, 17.3087



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.9694, 37.7423, 37.1058



52.8763, 66.8336, 63.7528



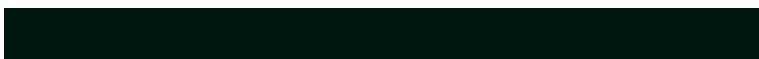
32.3525, 37.8854, 45.6537



8.0819, 9.0103, 9.4560



12.5297, 22.5772, 11.8291



0.3756, 0.6389, 0.4716

Inverse Universe

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



31.6494, 28.3168, 33.5049



54.3464, 46.4667, 55.9747



30.4703, 28.1419, 26.3808



8.1494, 8.0730, 9.0978



13.6951, 6.9406, 6.0399



0.4088, 0.2042, 0.3145

Previews

White Background



This preview shows how the XYZ color 30.9683, 37.7407, 37.1050 looks on a white background.

Color Contrast Check

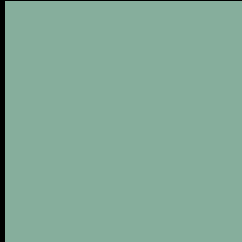
Large Text (above 18pt) WCAG AA × Fail

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 30.9683, 37.7407, 37.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

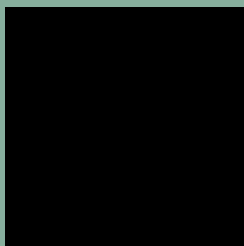
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

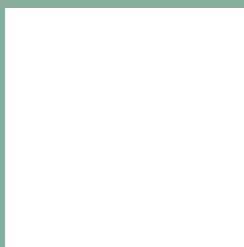
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9683, 37.7407, 37.1050

Background



This preview shows how black text looks on a background with the XYZ color 30.9683, 37.7407, 37.1050.



This preview shows how white text looks on a background with the XYZ color 30.9683, 37.7407,

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

30.9683, 37.7407, 37.1050

Protanopia

35.6560, 37.4432, 34.6261

Deuteranopia

38.1846, 37.3668, 38.0008



Tritanopia

33.6739, 37.6991, 50.8493

Trichromacy



Original Color

30.9683, 37.7407, 37.1050

Protanomaly

33.8530, 37.5743, 35.6053

Deuteranomaly

34.9641, 37.0189, 37.6503

Tritanomaly

32.5194, 37.5002, 45.5687

Monochromacy



Original Color

30.9683, 37.7407, 37.1050

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.4756, 35.9928, 38.0365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9683, 37.7407, 37.1050 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(134, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(134, 174, 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(134, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 174, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.9683, 37.7407, 37.1050 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(134, 174, 156) }
```


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

```
.border{ border-color:rgb(134, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(134, 174,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9683, 37.7407, 37.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 174, 156) }
```

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

```
.background{ background-color: rgb(134,  
174, 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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