

Converting Colors

XYZ(29.7703, 37.3915, 37.1126)

Have a look what the booklet for
XYZ(29.7703, 37.3915, 37.1126)
contains.

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Color

**XYZ(29.7882, 37.4202,
37.1053)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAF9C
RGB	125, 175, 156
RGB Percent	49%, 69%, 61%
CMY	0.5098, 0.3137, 0.3882
CMYK	0.29, 0.00, 0.11, 0.31
HSL	157°, 24%, 59%
HSV	157°, 29%, 69%
XYZ	29.7882, 37.4202, 37.1053
YIQ	157.8840, -23.7010, -16.5090

Conversions

Conversions Part 2

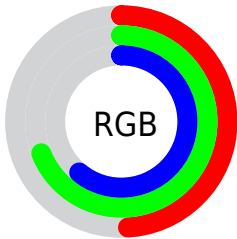
Format	Color
RYB	125, 156, 175
Decimal	8236956
CIELab	67.59, -20.68, 4.43
CIELCh	68, 21.145, 167.920
Yxy	37.4202, 0.2856, 0.3587
Android (android.graphics.Color)	4286427036 (0xFF7DAF9C)
YUV	157.8840, -0.9288, -28.8393
Hunter-Lab	61.1721, -20.1291, 6.8567

Details

The XYZ color **29.7882, 37.4202, 37.1053** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.0482, 25.7959, 29.7826**, and the grayscale version is **32.4594, 34.1498, 37.1892**.

A 20% lighter version of the original color is **58.7992, 71.3887, 71.6531**, and **12.3334, 16.3948, 15.8791** is the 20% darker color. If you saturate the color by 10%, you get **26.9074, 35.9994, 34.1112**, and if you desaturate by 10%, it is **33.1521, 39.0885, 40.2846**.

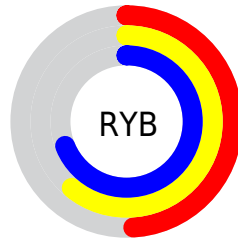
Distribution



Red (49%)

Green (69%)

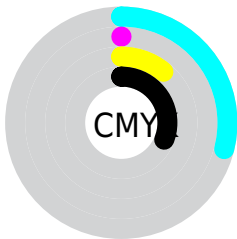
Blue (61%)



Red (49%)

Yellow (61%)

Blue (69%)

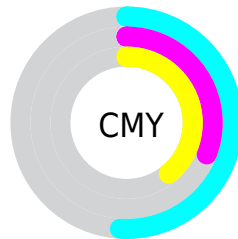


Cyan (29%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7882, 37.4202, 37.1053 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 29.7882, 37.4202, 37.1053 by changing the saturation by 10% instead.

■ 29.7882, 37.4202,
37.1053

■ 29.7882, 37.4202,
37.1053

292.8435,
335.1262, 348.9486

■ 19.8252, 25.5330,
24.9926

■ 58.7160, 71.2186,
71.9228

■ 12.3755, 16.4746,
15.8526

■ 78.4115, 93.8986,
95.4648

■ 7.0740, 9.8606,
9.2667

■ 102.0818,
120.9449, 123.6535

■ 3.5552, 5.3066,
4.8163

130.0923,
152.7420, 156.9076

■ 1.4537, 2.4283,
2.0831

162.8084,
189.6743, 195.6457

■ 0.2940, 0.8404,
0.6057

200.5954,

■ 0.0000, 0.0000,

232.1262, 240.2861

0.0000

243.8186,
280.4820, 291.2476

■ 29.7882, 37.4202,
37.1053

■ 29.7882, 37.4202,
37.1053

■ 26.9074, 35.9994,
34.1112

■ 33.1521, 39.0885,
40.2846

■ 24.4824, 34.8091,
31.2961

■ 37.0183, 41.0111,
43.6501

■ 22.4881, 33.8373,
28.6569

■ 41.4088, 43.2003,
47.2061

■ 20.8952, 33.0691,
26.1898

■ 46.3433, 45.6663,
50.9559

■ 19.6711, 32.4877,
23.8903

■ 51.8405, 48.4185,
54.9026

■ 18.7772, 32.0732,
21.7538

■ 57.9181, 51.4662,
59.0494

■ 18.1464, 31.7912,
19.7743

■ 64.5932, 54.8179,
63.3994

■ 18.0639, 31.7546,
19.5035

■ 68.1049, 56.5350,
67.7787

■ 68.9469, 56.8718,
72.2126

Harmonies

Analogous

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



31.1186, 37.4202, 29.8688



29.7882, 37.4202, 37.1053



29.9352, 37.4202, 46.5152

Triad

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



29.7882, 37.4202, 37.1053



37.5285, 37.4202, 60.3007



39.9305, 37.4202, 28.8305

Complementary

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



29.7882, 37.4202, 37.1053



30.0482, 25.7959, 29.7826

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.



41.8638, 37.4202, 35.4715



29.7882, 37.4202, 37.1053



40.4198, 37.4202, 53.9831

Square

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



29.7882, 37.4202, 37.1053



34.2724, 37.4202, 60.9170



42.0481, 37.4202, 44.6136



36.8934, 37.4202, 25.6033

Rectangle

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



29.7882, 37.4202, 37.1053



30.8521, 37.4202, 52.7893



42.0481, 37.4202, 44.6136



40.7388, 37.4202, 30.6867

Sweetspot

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



29.7892, 37.4217, 37.1061



65.8658, 73.2322, 77.8112



30.5636, 38.0865, 25.1433



14.4081, 16.1615, 17.0986



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.



29.7892, 37.4217, 37.1061



50.1438, 65.4346, 63.1873



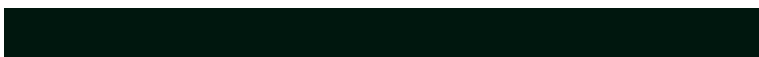
30.4155, 35.8946, 45.8845



8.1053, 9.0197, 9.5796



12.9663, 22.7518, 14.1279



0.3862, 0.6431, 0.5274

Inverse Universe

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



30.0482, 25.7959, 29.7826



50.6831, 41.3267, 48.0124



29.4760, 26.7835, 23.0189



8.1265, 8.0638, 8.9768



13.4036, 6.8240, 4.5046



0.4000, 0.2007, 0.2681

Previews

White Background



This preview shows how the XYZ color 29.7882, 37.4202, 37.1053 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 29.7882, 37.4202, 37.1053 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

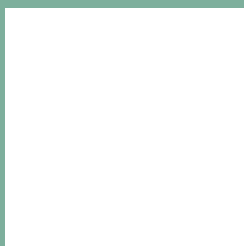
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7882, 37.4202, 37.1053

Background



This preview shows how black text looks on a background with the XYZ color 29.7882, 37.4202, 37.1053.



This preview shows how white text looks on a background with the XYZ color 29.7882, 37.4202,

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

29.7882, 37.4202, 37.1053

Protanopia

35.1798, 36.9424, 34.1306

Deuteranopia

37.9475, 37.2446, 37.9898



Tritanopia

32.6799, 37.4539, 51.4058

Trichromacy



Original Color

29.7882, 37.4202, 37.1053

Protanomaly

32.8126, 36.7745, 35.0745

Deuteranomaly

34.3246, 36.9560, 37.6719

Tritanomaly

31.4458, 37.2282, 45.5728

Monochromacy



Original Color

29.7882, 37.4202, 37.1053

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.2153, 35.0962, 37.0273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7882, 37.4202, 37.1053 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(125, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(125, 175, 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(125, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 175, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.7882, 37.4202, 37.1053 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(125, 175, 156) }
```


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

```
.border{ border-color:rgb(125, 175, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(125, 175,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7882, 37.4202, 37.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 175, 156) }
```

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

```
.background{ background-color: rgb(125,  
175, 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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