

Converting Colors

XYZ(28.4977, 37.1998, 30.1044)

Have a look what the booklet for
XYZ(28.4977, 37.1998, 30.1044)
contains.

XYZ(28.4977, 37.1998, 30.1044)	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(28.4977, 37.1998,
30.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB08B
RGB	124, 176, 139
RGB Percent	49%, 69%, 55%
CMY	0.5137, 0.3098, 0.4549
CMYK	0.30, 0.00, 0.21, 0.31
HSL	137°, 25%, 59%
HSV	137°, 30%, 69%
XYZ	28.4977, 37.1998, 30.1044
YIQ	156.2340, -19.1150, -22.5310

Conversions

Conversions Part 2

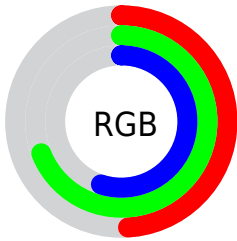
Format	Color
RYB	124, 164, 176
Decimal	8171659
CIELab	67.43, -24.95, 13.55
CIELCh	67, 28.386, 151.496
Yxy	37.1998, 0.2975, 0.3883
Android (android.graphics.Color)	4286361739 (0xFF7CB08B)
YUV	156.2340, -8.4964, -28.2692
Hunter-Lab	60.9916, -23.3331, 13.4296

Details

The XYZ color **28.4977, 37.1998, 30.1044** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.5464, 26.2195, 37.1179**, and the grayscale version is **31.7481, 33.4015, 36.3742**.

A 20% lighter version of the original color is **56.8423, 71.0285, 61.1660**, and **11.6338, 16.3037, 11.9849** is the 20% darker color. If you saturate the color by 10%, you get **25.3145, 35.6596, 25.4496**, and if you desaturate by 10%, it is **32.2418, 39.0191, 35.3343**.

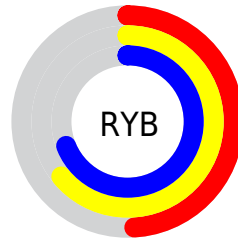
Distribution



Red (49%)

Green (69%)

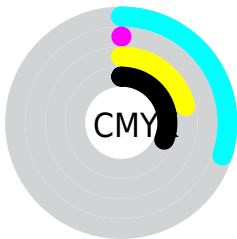
Blue (55%)



Red (49%)

Yellow (64%)

Blue (69%)

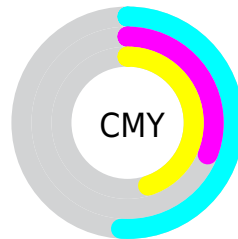


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4977, 37.1998, 30.1044 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 28.4977, 37.1998, 30.1044 by changing the saturation by 10% instead.

■ 28.4977, 37.1998,
30.1044

■ 28.4977, 37.1998,
30.1044

286.8747,
334.1747, 316.6132

■ 18.8435, 25.3622,
19.6651

■ 56.6812, 70.8800,
60.8902

■ 11.6606, 16.3471,
11.9702

■ 75.9412, 93.4914,
82.0738

■ 6.5836, 9.7701,
6.6011

■ 99.1339, 120.4628,
107.6759

■ 3.2471, 5.2468,
3.1393

126.6246,
152.1787, 138.1151

■ 1.2857, 2.3928,
1.1662

158.7787,
189.0235, 173.8099

■ 0.1725, 0.8222,
0.0000

195.9615,

■ 0.0000, 0.0000,

231.3814, 215.1788

0.0000

238.5383,
279.6371, 262.6404

■ 28.4977, 37.1998,
30.1044

■ 28.4977, 37.1998,
30.1044

■ 25.3145, 35.6596,
25.4496

■ 32.2418, 39.0191,
35.3343

■ 22.6614, 34.3799,
21.3477

■ 36.5694, 41.1257,
41.1555

■ 20.5094, 33.3473,
17.7787

■ 41.5057, 43.5332,
47.5868

■ 18.8253, 32.5450,
14.7205

■ 47.0733, 46.2530,
54.6451

■ 17.5715, 31.9543,
12.1494

■ 53.2938, 49.2958,
62.3469

■ 16.7045, 31.5531,
10.0397

■ 60.1878, 52.6718,
70.7080

■ 16.1410, 31.2992,
8.3617

■ 67.7747, 56.3909,
79.7438

■ 16.1185, 31.2890,
8.2952

■ 72.3740, 58.5552,
89.2957

■ 74.2912, 59.3221,
99.3916

Harmonies

Analogous

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



31.1607, 37.1998, 23.3047



28.4977, 37.1998, 30.1044



27.6301, 37.1998, 41.1336

Triad

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



28.4977, 37.1998, 30.1044



35.5764, 37.1998, 69.5165



42.9882, 37.1998, 29.2233

Complementary

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



28.4977, 37.1998, 30.1044



31.5464, 26.2195, 37.1179

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.



44.4055, 37.1998, 39.8814



28.4977, 37.1998, 30.1044



39.9147, 37.1998, 64.5853

Square

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



28.4977, 37.1998, 30.1044



31.5101, 37.1998, 65.4436



43.2378, 37.1998, 53.0596



39.5055, 37.1998, 22.8742

Rectangle

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



28.4977, 37.1998, 30.1044



28.1247, 37.1998, 49.9423



43.2378, 37.1998, 53.0596



43.7343, 37.1998, 32.3371

Sweetspot

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



28.4987, 37.2014, 30.1052



66.6490, 74.7446, 75.0717



33.9165, 40.1124, 25.0241



14.1857, 16.0726, 15.9273



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.



28.4987, 37.2014, 30.1052



48.0638, 65.7136, 49.3545



30.6059, 38.0442, 41.2018



8.4864, 9.5291, 9.5553



11.8484, 22.9653, 6.2043



0.3987, 0.7330, 0.3317

Inverse Universe

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



31.5464, 26.2195, 37.1179



54.4287, 42.7630, 63.9882



29.5052, 25.4030, 26.3690



8.7434, 8.6041, 10.1474



15.8900, 7.8736, 15.1126



0.5237, 0.2572, 0.6005

Previews

White Background



This preview shows how the XYZ color 28.4977, 37.1998, 30.1044 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 28.4977, 37.1998, 30.1044 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 28.4977, 37.1998, 30.1044

Background



This preview shows how black text looks on a background with the XYZ color 28.4977, 37.1998, 30.1044.



This preview shows how white text looks on a background with the XYZ color 28.4977, 37.1998,

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

28.4977, 37.1998, 30.1044

Protanopia

34.5644, 36.7721, 27.4663

Deuteranopia

37.6783, 37.0017, 31.1428



Tritanopia

32.6993, 37.1967, 50.8036

Trichromacy



Original Color

28.4977, 37.1998, 30.1044

Protanomaly

31.8934, 36.7231, 28.3290

Deuteranomaly

33.6475, 36.7558, 30.9123

Tritanomaly

31.0263, 37.0780, 42.5673

Monochromacy



Original Color

28.4977, 37.1998, 30.1044

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.1038, 34.3257, 33.8930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4977, 37.1998, 30.1044 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(124, 176, 139)` looks like.

```
.text, #text, p{  
    color:rgb(124, 176, 139)  
}
```

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(124, 176, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 176, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.4977, 37.1998, 30.1044 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(124, 176, 139) }
```


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

```
.border{ border-color:rgb(124, 176, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 176, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 176, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 176, 139);  
box-shadow:4px 4px 4px 4px rgb(124, 176,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4977, 37.1998, 30.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 176, 139) }
```

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

```
.background{ background-color: rgb(124,  
176, 139) }
```

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