

Converting Colors

XYZ(28.3911, 37.2642, 30.6215)

Have a look what the booklet for
XYZ(28.3911, 37.2642, 30.6215)
contains.

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Color

**XYZ(28.2850, 37.0817,
30.4776)**

Conversions

Conversions Part 1

Format	Color
Hex	7AB08C
RGB	122, 176, 140
RGB Percent	48%, 69%, 55%
CMY	0.5216, 0.3098, 0.4510
CMYK	0.31, 0.00, 0.20, 0.31
HSL	140°, 25%, 58%
HSV	140°, 31%, 69%
XYZ	28.2850, 37.0817, 30.4776
YIQ	155.7500, -20.6280, -22.6440

Conversions

Conversions Part 2

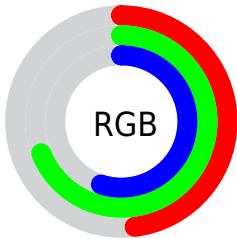
Format	Color
RYB	122, 163, 176
Decimal	8040588
CIELab	67.34, -25.40, 12.86
CIElCh	67, 28.468, 153.150
Yxy	37.0817, 0.2951, 0.3869
Android (android.graphics.Color)	4286230668 (0xFF7AB08C)
YUV	155.7500, -7.7648, -29.5987
Hunter-Lab	60.8947, -23.6543, 12.9519

Details

The XYZ color **28.2850, 37.0817, 30.4776** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.0369, 25.6187, 35.6584**, and the grayscale version is **31.5294, 33.1714, 36.1236**.

A 20% lighter version of the original color is **56.4987, 70.8384, 61.7343**, and **11.5270, 16.2437, 12.2007** is the 20% darker color. If you saturate the color by 10%, you get **25.1955, 35.5848, 26.0551**, and if you desaturate by 10%, it is **31.9201, 38.8513, 35.4089**.

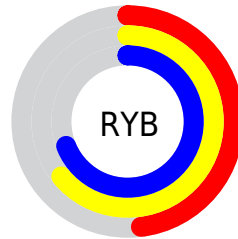
Distribution



Red (48%)

Green (69%)

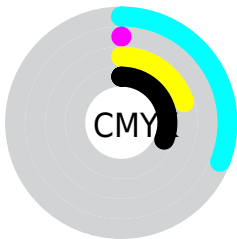
Blue (55%)



Red (48%)

Yellow (64%)

Blue (69%)

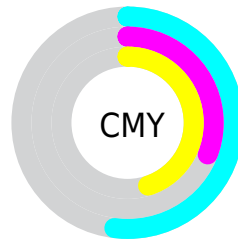


Cyan (31%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (52%)


Magenta (31%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2850, 37.0817, 30.4776 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 28.2850, 37.0817, 30.4776 by changing the saturation by 10% instead.


 28.2850, 37.0817,
30.4776


 28.2850, 37.0817,
30.4776


285.8817,
333.6641, 318.4007


 18.6822, 25.2708,
19.9463


 56.3446, 70.6984,
61.4866

 11.5435, 16.2789,
12.1723


 75.5321, 93.2730,
82.8013

 6.5036, 9.7217,
6.7372


 98.6451, 120.2042,
108.5475

 3.1972, 5.2148,
3.2223

126.0491,
151.8765, 139.1438

 1.2589, 2.3739,
1.2093

158.1094,
188.6742, 175.0088

 0.1521, 0.8124,
0.0000

195.1914,

 0.0000, 0.0000,

230.9818, 216.5609

0.0000

237.6604,
279.1836, 264.2187

■ 28.2850, 37.0817,
30.4776

■ 28.2850, 37.0817,
30.4776

■ 25.1955, 35.5848,
26.0551

■ 31.9201, 38.8513,
35.4089

■ 22.6215, 34.3421,
22.1227

■ 36.1231, 40.9017,
40.8620

■ 20.5340, 33.3404,
18.6638

■ 40.9187, 43.2463,
46.8527

■ 18.9004, 32.5631,
15.6604

■ 46.3293, 45.8963,
53.3952

■ 17.6834, 31.9912,
13.0930

■ 52.3758, 48.8624,
60.5033

■ 16.8395, 31.6029,
10.9406

■ 59.0786, 52.1546,
68.1902

■ 16.3068, 31.3644,
9.2868

■ 66.4567, 55.7826,
76.4688

■ 71.5989, 58.2452,
85.2142

■ 73.3401, 58.9417,
94.3832

Harmonies

Analogous

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



30.8585, 37.0817, 23.4318



28.2850, 37.0817, 30.4776



27.5227, 37.0817, 41.7088

Triad

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



28.2850, 37.0817, 30.4776



35.7075, 37.0817, 69.3909



42.7366, 37.0817, 28.6229

Complementary

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



28.2850, 37.0817, 30.4776



31.0369, 25.6187, 35.6584

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.



44.2915, 37.0817, 39.0712



28.2850, 37.0817, 30.4776



40.0287, 37.0817, 63.9855

Square

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



28.2850, 37.0817, 30.4776



31.5942, 37.0817, 65.7948



43.2623, 37.0817, 52.2136



39.1668, 37.0817, 22.5262

Rectangle

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



28.2850, 37.0817, 30.4776



28.0880, 37.0817, 50.5644



43.2623, 37.0817, 52.2136



43.5250, 37.0817, 31.6567

Sweetspot

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



28.2860, 37.0832, 30.4784



66.7683, 74.7923, 75.7000



33.3178, 39.8183, 24.3425



14.2152, 16.0844, 16.0825



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.



28.2860, 37.0832, 30.4784



47.2940, 65.3107, 49.5924



30.4447, 37.9467, 41.8459



8.5019, 9.5353, 9.6368



11.9887, 23.0215, 6.9434



0.4050, 0.7355, 0.3647

Inverse Universe

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



31.0369, 25.6187, 35.6584



53.1007, 41.0909, 60.5120



29.0231, 24.8132, 25.0543



8.7272, 8.5976, 10.0619



15.5352, 7.7317, 13.2445



0.5145, 0.2536, 0.5522

Previews

White Background



This preview shows how the XYZ color 28.2850, 37.0817, 30.4776 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 28.2850, 37.0817, 30.4776 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 28.2850, 37.0817, 30.4776

Background



This preview shows how black text looks on a background with the XYZ color 28.2850, 37.0817, 30.4776.

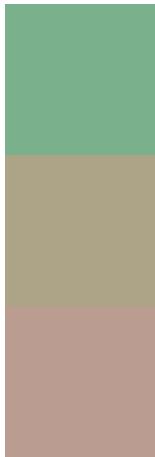


This preview shows how white text looks on a background with the XYZ color 28.2850, 37.0817, 30.4776.

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

28.2850, 37.0817, 30.4776

Protanopia

34.6338, 36.7999, 27.8319

Deuteranopia

37.3407, 36.5667, 31.4756



Tritanopia

32.3865, 37.0354, 50.7890

Trichromacy



Original Color

28.2850, 37.0817, 30.4776

Protanomaly

31.7730, 36.6529, 28.6926

Deuteranomaly

33.3376, 36.3206, 31.2401

Tritanomaly

30.7225, 36.9214, 42.5531

Monochromacy



Original Color

28.2850, 37.0817, 30.4776

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 28.2850, 37.0817, 30.4776 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(122, 176, 140)` looks like.

```
.text, #text, p{  
    color:rgb(122, 176, 140)  
}
```

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(122, 176, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 176, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.2850, 37.0817, 30.4776 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(122, 176, 140) }
```


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

```
.border{ border-color:rgb(122, 176, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 176, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 176, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 176, 140);  
box-shadow:4px 4px 4px 4px rgb(122, 176,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2850, 37.0817, 30.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 176, 140) }
```

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

```
.background{ background-color: rgb(122,  
176, 140) }
```

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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