

Converting Colors

XYZ(28.2782, 38.5512, 58.7740)

Have a look what the booklet for
XYZ(28.2782, 38.5512, 58.7740)
contains.

| | |
|--|----|
| XYZ(28.2782, 38.5512, 58.7740) | 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(28.2782, 38.5512,
58.7740)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 31B7C5 |
| RGB | 49, 183, 197 |
| RGB Percent | 19%, 72%, 77% |
| CMY | 0.8078, 0.2823, 0.2274 |
| CMYK | 0.75, 0.07, 0.00, 0.23 |
| HSL | 186°, 60%, 48% |
| HSV | 186°, 75%, 77% |
| XYZ | 28.2782, 38.5512, 58.7740 |
| YIQ | 144.5300, -84.3580, -24.0540 |

Conversions

Conversions Part 2

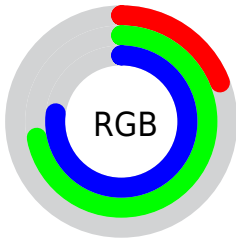
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 49, 119, 197 |
| Decimal | 3258309 |
| CIELab | 68.42, -30.11, -17.28 |
| CIELCh | 68, 34.718, 209.857 |
| Yxy | 38.5512, 0.2251, 0.3069 |
| Android (android.graphics.Color) | 4281448389 (0xFF31B7C5) |
| YUV | 144.5300, 25.8677, -83.7798 |
| Hunter-Lab | 62.0896, -27.3605, -12.6612 |

Details

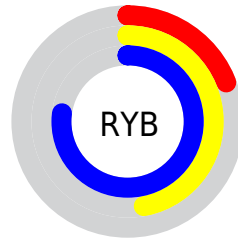
The XYZ color **28.2782, 38.5512, 58.7740** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **25.3590, 15.6485, 4.5909**, and the grayscale version is **26.6481, 28.0359, 30.5311**.

A 20% lighter version of the original color is **56.2271, 72.7403, 104.8427**, and **12.9406, 17.9484, 28.7690** is the 20% darker color. If you saturate the color by 10%, you get **27.1459, 37.4015, 58.6125**, and if you desaturate by 10%, it is **29.8330, 39.9279, 58.9585**.

Distribution



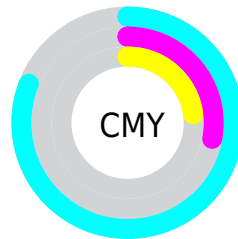
- Red (19%)
- Green (72%)
- Blue (77%)



- Red (19%)
- Yellow (47%)
- Blue (77%)



- Cyan (75%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (81%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2782, 38.5512, 58.7740 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 28.2782, 38.5512, 58.7740 by changing the saturation by 10% instead.

■ 28.2782, 38.5512,
58.7740

■ 28.2782, 38.5512,
58.7740

285.8499,
339.9786, 437.7424

■ 18.6770, 26.4108,
42.0124

■ 56.3338, 72.9522,
104.5750

■ 11.5397, 17.1312,
28.7854

■ 75.5190, 95.9816,
134.4515

■ 6.5011, 10.3281,
18.6743

■ 98.6295, 123.4094,
169.5367

■ 3.1956, 5.6170,
11.2608

■ 126.0307,
155.6200, 210.2492

■ 1.2580, 2.6136,
6.1261

■ 158.0880,
192.9978, 257.0075

■ 0.1515, 0.9335,
2.8519

195.1668,

■ 0.0000, 0.0000,

235.9273, 310.2301

1.0195

237.6323,
284.7927, 370.3355

■ 0.0000, 0.0000,
0.0000

■ 28.2782, 38.5512,
58.7740

■ 28.2782, 38.5512,
58.7740

■ 27.1459, 37.4015,
58.6125

■ 29.8330, 39.9279,
58.9585

■ 26.3739, 36.4442,
58.4684

■ 31.8548, 41.5522,
59.1655

■ 26.0716, 36.0182,
58.4021

■ 34.3863, 43.4468,
59.3977

■ 37.4645, 45.6309,
59.6571

■ 41.1228, 48.1217,
59.9450

■ 45.3921, 50.9352,
60.2631

■ 50.3008, 54.0860,
60.6125

■ 55.8758, 57.5881,
60.9947

■ 62.1423, 61.4545,
61.4107

Harmonies

Analogous

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



27.1232, 38.5512, 41.9008



28.2782, 38.5512, 58.7740



31.6237, 38.5512, 73.6748

Triad

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



28.2782, 38.5512, 58.7740



46.4798, 38.5512, 58.9366



36.6679, 38.5512, 18.5349

Complementary

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



28.2782, 38.5512, 58.7740



25.3590, 15.6485, 4.5909

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.



42.1644, 38.5512, 20.9911



28.2782, 38.5512, 58.7740



48.1614, 38.5512, 42.0507

Square

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



28.2782, 38.5512, 58.7740



42.1147, 38.5512, 73.7839



46.5104, 38.5512, 28.7283



31.6648, 38.5512, 20.9439

Rectangle

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



28.2782, 38.5512, 58.7740



34.8257, 38.5512, 79.0261



46.5104, 38.5512, 28.7283



38.5198, 38.5512, 18.8084

Sweetspot

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



28.2794, 38.5526, 58.7749



74.9217, 87.0340, 107.4582



22.0853, 40.9269, 11.1993



15.4802, 18.2566, 22.9579



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.2794, 38.5526, 58.7749



47.6848, 65.8760, 104.8098



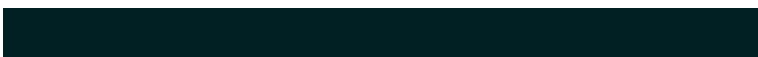
16.9943, 15.9824, 55.0132



10.8577, 11.8894, 13.6401



17.1815, 23.7570, 38.4244



0.8391, 1.1761, 1.8279

Inverse Universe

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



32.6726, 17.4871, 46.4545



56.3481, 27.8767, 79.7201



32.2922, 29.5150, 6.9020



11.0382, 10.7987, 13.1843



20.4718, 9.9383, 28.7579



0.9823, 0.4757, 1.4297

Previews

White Background



This preview shows how the XYZ color 28.2782, 38.5512, 58.7740 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 28.2782, 38.5512, 58.7740 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

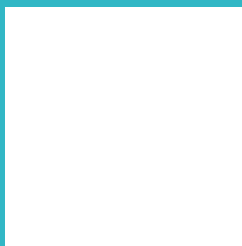
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2782, 38.5512, 58.7740

Background



This preview shows how black text looks on a background with the XYZ color 28.2782, 38.5512, 58.7740.

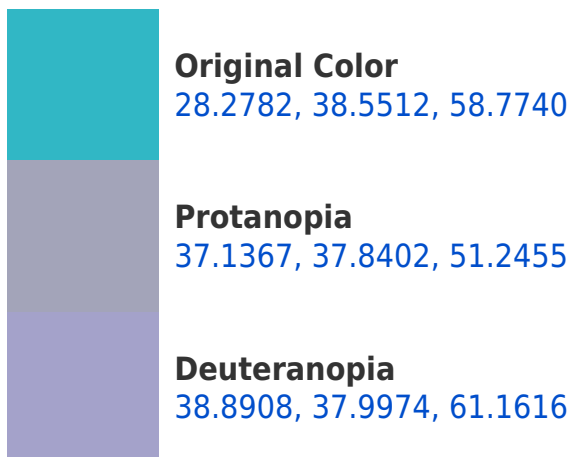


This preview shows how white text looks on a background with the XYZ color 28.2782, 38.5512,

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





Tritanopia

28.4419, 38.6223, 59.3819

Trichromacy



Original Color

28.2782, 38.5512, 58.7740

Protanomaly

31.7743, 36.9375, 53.5991

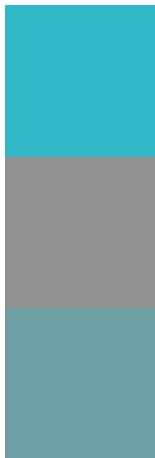
Deuteranomaly

32.8261, 37.0572, 60.0662

Tritanomaly

28.4419, 38.6223, 59.3819

Monochromacy



Original Color

28.2782, 38.5512, 58.7740

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.5294, 30.7916, 39.7198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2782, 38.5512, 58.7740 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(49, 183, 197)` looks like.

```
.text, #text, p{  
    color:rgb(49, 183, 197)  
}
```

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(49, 183, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 183, 197) }
```

Border

The CSS property to change the border of an element to XYZ 28.2782, 38.5512, 58.7740 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(49, 183, 197) }
```


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

```
.border{ border-color:rgb(49, 183, 197) }
```

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

Here you see how a box with a 4 pixel rgb(49, 183, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 183, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 183, 197);  
box-shadow:4px 4px 4px 4px rgb(49, 183,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2782, 38.5512, 58.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 183, 197) }
```

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

```
.background{ background-color: rgb(49, 183,  
197) }
```

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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