

Converting Colors

XYZ(35.9010, 54.6900, 61.0648)

Have a look what the booklet for
XYZ(35.9010, 54.6900, 61.0648)
contains.

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Color

**XYZ(35.7982, 54.5216,
60.8615)**

Conversions

Conversions Part 1

Format	Color
Hex	25DAC4
RGB	37, 218, 196
RGB Percent	15%, 85%, 77%
CMY	0.8548, 0.1451, 0.2314
CMYK	0.83, 0.00, 0.10, 0.15
HSL	173°, 71%, 50%
HSV	173°, 83%, 85%
XYZ	35.7982, 54.5216, 60.8615
YIQ	161.3730, -100.8140, -45.2140

Conversions

Conversions Part 2

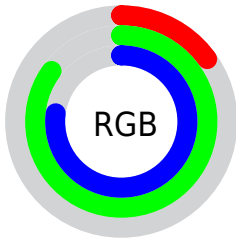
Format	Color
RYB	37, 133, 218
Decimal	2480836
CIELab	78.76, -47.38, -1.36
CIELCh	79, 47.403, 181.646
Yxy	54.5216, 0.2368, 0.3606
Android (android.graphics.Color)	4280670916 (0xFF25DAC4)
YUV	161.3730, 17.0711, -109.0751
Hunter-Lab	73.8387, -42.6782, 2.8174

Details

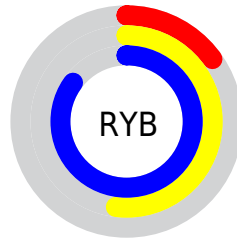
The XYZ color **35.7982, 54.5216, 60.8615** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **30.3664, 16.5461, 5.7334**, and the grayscale version is **34.0094, 35.7805, 38.9650**.

A 20% lighter version of the original color is **60.9608, 82.4634, 105.6326**, and **17.8028, 27.7937, 30.0176** is the 20% darker color. If you saturate the color by 10%, you get **34.9377, 54.1138, 59.2615**, and if you desaturate by 10%, it is **37.1335, 55.1761, 62.5140**.

Distribution



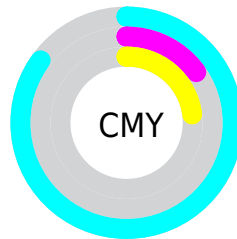
- Red (15%)
- Green (85%)
- Blue (77%)



- Red (15%)
- Yellow (52%)
- Blue (85%)



- Cyan (83%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)





- Cyan (85%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7982, 54.5216, 60.8615 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 35.7982, 54.5216, 60.8615 by changing the saturation by 10% instead.


 35.7982, 54.5216,
60.8615


 35.7982, 54.5216,
60.8615


319.5243,
404.0959, 445.6585


 24.4478, 39.0188,
43.6836


 68.0464, 96.8397,
107.6339


 15.7926, 26.7744,
30.0865


 89.6749, 124.4238,
138.0655


 9.4675, 17.4038,
19.6516


 115.4600,
156.8037, 173.7521

 5.1069, 10.5228,
11.9605

 145.7673,
194.3640, 215.1122

 2.3455, 5.7470,
6.5946

 180.9620,
237.4890, 262.5643

 0.8178, 2.6918,
3.1353

221.4095,

 0.0000, 0.9731,

286.5630, 316.5271

1.1641

267.4752,
341.9705, 377.4189

■ 0.0000, 0.0000,
0.0000

■ 35.7982, 54.5216,
60.8615

■ 35.7982, 54.5216,
60.8615

■ 34.9377, 54.1138,
59.2615

■ 37.1335, 55.1761,
62.5140


■ 34.5315, 53.9282,
58.1693


■ 39.0111, 56.1082,
64.2186


■ 41.4925, 57.3511,
65.9796


■ 44.6299, 58.9314,
67.7995

■ 48.4695, 60.8731,
69.6806

 53.0535, 63.1980,
71.6251

 58.4208, 65.9260,
73.6349

 64.6073, 69.0757,
75.7118

 71.6471, 72.6646,
77.8576

Harmonies

Analogous

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



37.5104, 54.5216, 38.0519



35.7982, 54.5216, 60.8615



37.9297, 54.5216, 90.8103

Triad

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



35.7982, 54.5216, 60.8615



61.8751, 54.5216, 115.1095



60.8702, 54.5216, 24.5155

Complementary

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



35.7982, 54.5216, 60.8615



30.3664, 16.5461, 5.7334

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.



68.7472, 54.5216, 36.1724



35.7982, 54.5216, 60.8615



69.3749, 54.5216, 87.4397

Square

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



35.7982, 54.5216, 60.8615



52.3412, 54.5216, 127.4390



72.0281, 54.5216, 57.8928



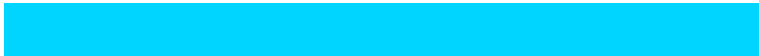
51.3046, 54.5216, 21.2469

Rectangle

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



35.7982, 54.5216, 60.8615



41.4129, 54.5216, 109.8013



72.0281, 54.5216, 57.8928



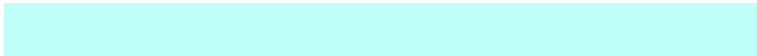
63.8417, 54.5216, 27.3654

Sweetspot

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



35.7998, 54.5237, 60.8628



74.1359, 89.3597, 101.5391



27.3400, 51.2750, 10.2078



15.3637, 18.8708, 21.5224



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.



35.7998, 54.5237, 60.8628



49.2147, 76.9019, 82.7714



24.5890, 27.7960, 70.4010



13.3732, 14.8009, 16.4280



20.7142, 32.3183, 34.9899



1.3616, 2.1016, 2.3700

Inverse Universe

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



30.3664, 16.5461, 5.7334



41.4873, 21.3589, 3.2323



34.1366, 24.8156, 4.7424



13.1201, 13.0771, 13.8938



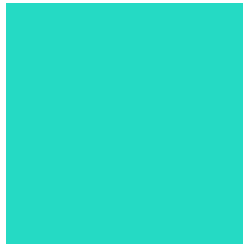
17.4583, 8.9843, 1.5273



1.1528, 0.5908, 0.2135

Previews

White Background



This preview shows how the XYZ color 35.7982, 54.5216, 60.8615 looks on a white background.

Color Contrast Check

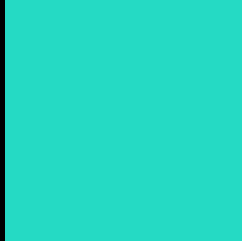
Large Text (above 18pt) WCAG AA × Fail

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 35.7982, 54.5216, 60.8615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

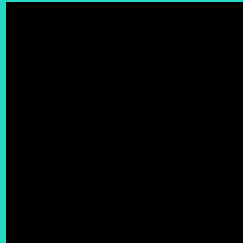
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

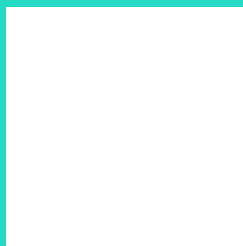
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7982, 54.5216, 60.8615

Background



This preview shows how black text looks on a background with the XYZ color 35.7982, 54.5216, 60.8615.

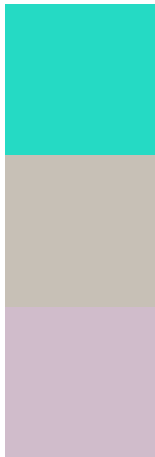


This preview shows how white text looks on a background with the XYZ color 35.7982, 54.5216,

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

35.7982, 54.5216, 60.8615

Protanopia

50.8463, 53.2188, 51.8483

Deuteranopia

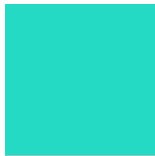
54.7751, 53.6881, 63.9758



Tritanopia

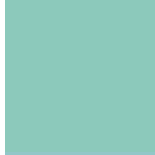
40.2572, 54.4255, 83.2463

Trichromacy



Original Color

35.7982, 54.5216, 60.8615



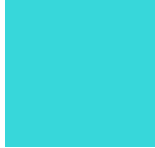
Protanomaly

40.6715, 50.9366, 54.7018



Deuteranomaly

42.7028, 51.1280, 62.2616



Tritanomaly

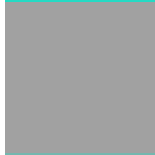
38.5309, 54.4751, 74.8136

Monochromacy



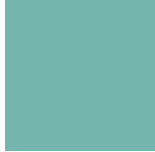
Original Color

35.7982, 54.5216, 60.8615



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.5704, 40.2249, 46.1446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7982, 54.5216, 60.8615 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(37, 218, 196)` looks like.

```
.text, #text, p{  
    color:rgb(37, 218, 196)  
}
```

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(37, 218, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 218, 196) }
```

Border

The CSS property to change the border of an element to XYZ 35.7982, 54.5216, 60.8615 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(37, 218, 196) }
```


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

```
.border{ border-color:rgb(37, 218, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 218, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 218, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 218, 196);  
box-shadow:4px 4px 4px 4px rgb(37, 218,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7982, 54.5216, 60.8615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 218, 196) }
```

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

```
.background{ background-color: rgb(37, 218,  
196) }
```

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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