

Converting Colors

XYZ(27.6716, 41.1528, 55.4145)

Have a look what the booklet for
XYZ(27.6716, 41.1528, 55.4145)
contains.

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Color

**XYZ(28.1439, 41.4170,
55.2261)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C0BE |
| RGB | 0, 192, 190 |
| RGB Percent | 0%, 75%, 75% |
| CMY | 0.9998, 0.2470, 0.2549 |
| CMYK | 1.00, 0.00, 0.01, 0.25 |
| HSL | 179°, 100%, 38% |
| HSV | 179°, 100%, 75% |
| XYZ | 28.1439, 41.4170, 55.2261 |
| YIQ | 134.3640, -113.7900, -41.3260 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 97, 192 |
| Decimal | 49342 |
| CIELab | 70.47, -39.44, -10.42 |
| CIElCh | 70, 40.794, 194.796 |
| Yxy | 41.4170, 0.2255, 0.3319 |
| Android (android.graphics.Color) | 4278239422 (0xFF00C0BE) |
| YUV | 134.3640, 27.4285, -117.8372 |
| Hunter-Lab | 64.3560, -34.5622, -5.8295 |

Details

The XYZ color **28.1439, 41.4170, 55.2261** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **21.7506, 11.2122, 1.0764**, and the grayscale version is **22.7308, 23.9146, 26.0430**.

A 20% lighter version of the original color is **56.1038, 77.2887, 99.1500**, and **13.6038, 19.9831, 26.8070** is the 20% darker color. If you saturate the color by 10%, you get **28.1446, 41.4183, 55.2268**, and if you desaturate by 10%, it is **28.4398, 41.5679, 55.3552**.

Distribution



- Red (0%)
- Green (75%)
- Blue (75%)



- Red (0%)
- Yellow (38%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1439, 41.4170, 55.2261 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 28.1439, 41.4170, 55.2261 by changing the saturation by 10% instead.

■ 28.1439, 41.4170,
55.2261

■ 28.1439, 41.4170,
55.2261

285.2215,
352.0605, 424.0745

■ 18.5752, 28.6451,
39.1830

■ 56.1211, 77.3165,
99.3466

■ 11.4659, 18.8125,
26.5932

■ 75.2604, 101.2129,
128.2611

■ 6.4507, 11.5349,
17.0382

■ 98.3205, 129.5862,
162.3030

■ 3.1643, 6.4278,
10.0995

■ 125.6668,
162.8208, 201.8911

■ 1.2412, 3.1069,
5.3585

■ 157.6647,
201.3011, 247.4437

■ 0.1385, 1.1878,
2.3967

194.6796,

■ 0.0000, 0.0517,

245.4116, 299.3794

0.7847

237.0767,
295.5366, 358.1169

■ 0.0000, 0.0000,
0.0000

■ 28.1439, 41.4170,
55.2261

■ 28.1439, 41.4170,
55.2261

■ 28.1446, 41.4183,
55.2268

■ 28.4398, 41.5679,
55.3552

■ 29.0041, 41.8563,
55.4961

■ 29.9345, 42.3334,
55.6543

■ 31.2801, 43.0245,
55.8320

■ 33.0826, 43.9512,
56.0313

■ 35.3784, 45.1322,
56.2539

■ 38.2005, 46.5845,
56.5012

■ 41.5789, 48.3236,
56.7747

■ 45.5414, 50.3637,
57.0757

Harmonies

Analogous

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



28.1630, 41.4170, 36.0674



28.1439, 41.4170, 55.2261



30.8869, 41.4170, 76.5317

Triad

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



28.1439, 41.4170, 55.2261



49.1937, 41.4170, 76.7973



42.8539, 41.4170, 17.9750

Complementary

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



28.1439, 41.4170, 55.2261



21.7506, 11.2122, 1.0764

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.



49.2693, 41.4170, 23.7182



28.1439, 41.4170, 55.2261



53.2033, 41.4170, 55.5182

Square

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



28.1439, 41.4170, 55.2261



42.7598, 41.4170, 91.1927



53.2325, 41.4170, 36.2873



36.1560, 41.4170, 17.9380

Rectangle

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



28.1439, 41.4170, 55.2261



34.1136, 41.4170, 87.5688



53.2325, 41.4170, 36.2873



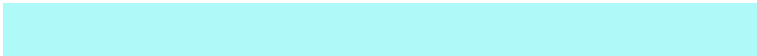
45.1307, 41.4170, 19.2093

Sweetspot

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



28.1452, 41.4185, 55.2271



68.9354, 84.2619, 102.3502



18.8910, 37.7215, 6.2864



14.3014, 17.8261, 21.9157



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.1452, 41.4185, 55.2271



50.9885, 75.0427, 100.0313



13.9980, 12.7716, 51.5982



10.3639, 11.4266, 12.9195



18.9396, 27.8699, 37.1707



0.8198, 1.2048, 1.6139

Inverse Universe

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



21.7506, 11.2122, 1.0764



39.4028, 20.3112, 1.9185



25.6379, 19.0043, 2.3180



10.0774, 10.0796, 10.4980



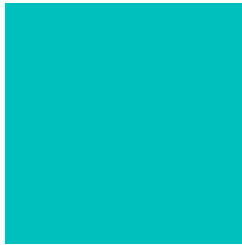
14.6367, 7.5444, 0.7329



0.6339, 0.3266, 0.0395

Previews

White Background



This preview shows how the XYZ color 28.1439, 41.4170, 55.2261 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 28.1439, 41.4170, 55.2261 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

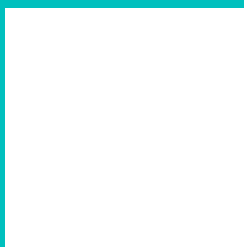
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1439, 41.4170, 55.2261

Background



This preview shows how black text looks on a background with the XYZ color 28.1439, 41.4170, 55.2261.

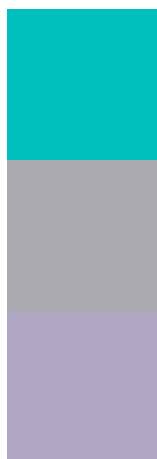


This preview shows how white text looks on a background with the XYZ color 28.1439, 41.4170,

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

28.1439, 41.4170, 55.2261

Protanopia

39.3238, 40.6944, 47.3772

Deuteranopia

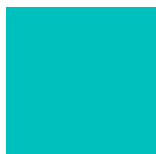
41.6870, 40.8531, 57.9128



Tritanopia

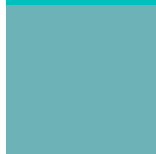
30.1958, 41.6280, 64.2011

Trichromacy



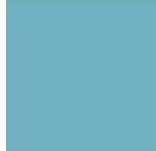
Original Color

28.1439, 41.4170, 55.2261



Protanomaly

30.6706, 38.4694, 50.0648



Deuteranomaly

31.9450, 38.3905, 56.7654



Tritanomaly

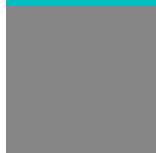
29.4328, 41.6259, 61.1269

Monochromacy



Original Color

28.1439, 41.4170, 55.2261



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

21.3004, 27.7071, 34.7972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1439, 41.4170, 55.2261 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(0, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 190)  
}
```

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(0, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 190) }
```

Border

The CSS property to change the border of an element to XYZ 28.1439, 41.4170, 55.2261 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(0, 192, 190) }
```


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

```
.border{ border-color:rgb(0, 192, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1439, 41.4170, 55.2261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 190) }
```

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

```
.background{ background-color: rgb(0, 192,  
190) }
```

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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