

Converting Colors

XYZ(28.3917, 42.9405, 52.1394)

Have a look what the booklet for
XYZ(28.3917, 42.9405, 52.1394)
contains.

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Color

**XYZ(28.3917, 42.9405,
52.1394)**

Conversions

Conversions Part 1

Format	Color
Hex	00C4B8
RGB	0, 196, 184
RGB Percent	0%, 77%, 72%
CMY	0.9998, 0.2314, 0.2784
CMYK	1.00, 0.00, 0.06, 0.23
HSL	176°, 100%, 38%
HSV	176°, 100%, 77%
XYZ	28.3917, 42.9405, 52.1394
YIQ	136.0280, -112.9640, -45.2840

Conversions

Conversions Part 2

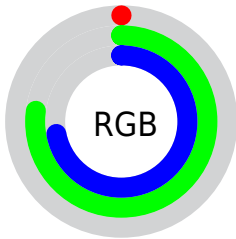
Format	Color
RYB	0, 101, 196
Decimal	50360
CIELab	71.51, -42.98, -5.58
CIELCh	72, 43.342, 187.401
Yxy	42.9405, 0.2299, 0.3478
Android (android.graphics.Color)	4278240440 (0xFF00C4B8)
YUV	136.0280, 23.6502, -119.2966
Hunter-Lab	65.5290, -37.3372, -1.3049

Details

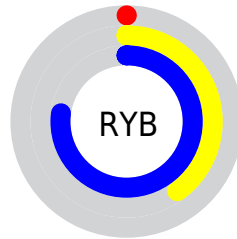
The XYZ color **28.3917, 42.9405, 52.1394** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **22.8328, 11.7637, 1.4164**, and the grayscale version is **23.3620, 24.5787, 26.7662**.

A 20% lighter version of the original color is **56.4470, 79.4254, 94.7936**, and **13.6216, 20.6884, 24.7481** is the 20% darker color. If you saturate the color by 10%, you get **28.3922, 42.9417, 52.1390**, and if you desaturate by 10%, it is **28.8001, 43.1374, 52.8192**.

Distribution



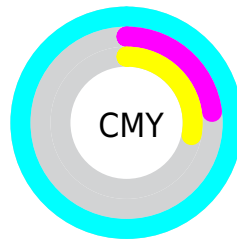
- Red (0%)
- Green (77%)
- Blue (72%)



- Red (0%)
- Yellow (40%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3917, 42.9405, 52.1394 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 28.3917, 42.9405, 52.1394 by changing the saturation by 10% instead.


 28.3917, 42.9405,
52.1394


 28.3917, 42.9405,
52.1394


286.3802,
358.3670, 411.9468


 18.7631, 29.8384,
36.7332

 56.5135, 79.6211,
94.7655


 11.6022, 19.7160,
24.7068


 75.7374, 103.9684,
122.8224


 6.5437, 12.1888,
15.6417


 98.8904, 132.8328,
155.9333

 3.2222, 6.8724,
9.1194

 126.3379,
166.5989, 194.5168

 1.2723, 3.3824,
4.7213

 158.4453,
205.6510, 238.9913

 0.1624, 1.3345,
2.0288

195.5779,

 0.0000, 0.1677,

250.3734, 289.7755

0.5729

238.1011,
301.1506, 347.2878

■ 0.0000, 0.0000,
0.0000

■ 28.3917, 42.9405,
52.1394

■ 28.3917, 42.9405,
52.1394

■ 28.3922, 42.9417,
52.1390

■ 28.8001, 43.1374,
52.8192

■ 29.4923, 43.4795,
53.5169

■ 30.5692, 44.0198,
54.2382

■ 32.0829, 44.7852,
54.9856

■ 34.0770, 45.7981,
55.7610

■ 36.5900, 47.0784,
56.5664

■ 39.6565, 48.6439,
57.4034

■ 43.3082, 50.5109,
58.2734

■ 47.5742, 52.6945,
59.1778

Harmonies

Analogous

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



29.1545, 42.9405, 32.9182



28.3917, 42.9405, 52.1394



30.6267, 42.9405, 75.7453

Triad

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



28.3917, 42.9405, 52.1394



49.9689, 42.9405, 86.6214



46.4620, 42.9405, 18.5501

Complementary

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



28.3917, 42.9405, 52.1394



22.8328, 11.7637, 1.4164

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.



53.0408, 42.9405, 26.3040



28.3917, 42.9405, 52.1394



55.2284, 42.9405, 64.0097

Square

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



28.3917, 42.9405, 52.1394



42.6528, 42.9405, 99.1723



56.4149, 42.9405, 41.7545



39.0281, 42.9405, 17.1005

Rectangle

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



28.3917, 42.9405, 52.1394



33.6937, 42.9405, 89.5754



56.4149, 42.9405, 41.7545



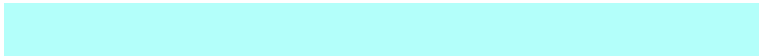
48.8719, 42.9405, 20.3629

Sweetspot

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



28.3930, 42.9421, 52.1404



71.5398, 87.9661, 103.9102



19.9083, 39.5676, 6.5893



14.7809, 18.5569, 22.1008



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.



28.3930, 42.9421, 52.1404



51.3966, 77.7747, 94.2615



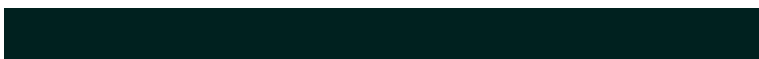
15.6586, 15.3738, 54.3683



10.3410, 11.4175, 12.7992



18.2544, 27.5958, 33.5623



0.7969, 1.1956, 1.4934

Inverse Universe

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



22.8328, 11.7637, 1.4164



41.3307, 21.2963, 2.4076



26.0112, 18.2267, 2.1484



10.0977, 10.0877, 10.6048



14.6814, 7.5623, 0.9684



0.6431, 0.3303, 0.0881

Previews

White Background



This preview shows how the XYZ color 28.3917, 42.9405, 52.1394 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 28.3917, 42.9405, 52.1394 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

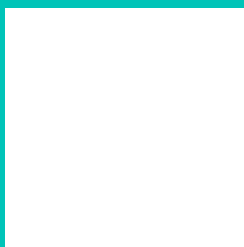
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3917, 42.9405, 52.1394

Background



This preview shows how black text looks on a background with the XYZ color 28.3917, 42.9405, 52.1394.

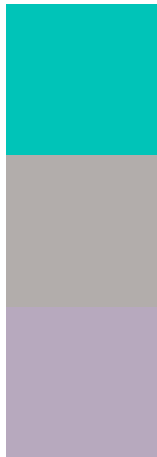


This preview shows how white text looks on a background with the XYZ color 28.3917, 42.9405,

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

28.3917, 42.9405, 52.1394

Protanopia

40.6544, 42.2924, 44.5486

Deuteranopia

43.0107, 42.1609, 54.5862



Tritanopia

31.3170, 42.8112, 66.2873

Trichromacy



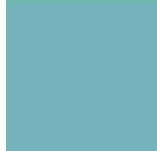
Original Color

28.3917, 42.9405, 52.1394



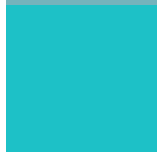
Protanomaly

31.1704, 39.6930, 47.0930



Deuteranomaly

32.3997, 39.5840, 53.5098



Tritanomaly

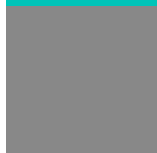
29.8855, 42.5247, 60.6658

Monochromacy



Original Color

28.3917, 42.9405, 52.1394



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

21.9071, 28.7799, 34.5374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3917, 42.9405, 52.1394 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, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 184)  
}
```

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, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 184) }
```

Border

The CSS property to change the border of an element to XYZ 28.3917, 42.9405, 52.1394 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, 196, 184) }
```


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

```
.border{ border-color:rgb(0, 196, 184) }
```

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

Here you see how a box with a 4 pixel rgb(0, 196, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3917, 42.9405, 52.1394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 184) }
```

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

```
.background{ background-color: rgb(0, 196,  
184) }
```

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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