

Converting Colors

XYZ(28.2478, 43.3221, 50.6838)

Have a look what the booklet for
XYZ(28.2478, 43.3221, 50.6838)
contains.

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Color

**XYZ(28.3067, 43.2687,
50.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	00C5B5
RGB	0, 197, 181
RGB Percent	0%, 77%, 71%
CMY	0.9999, 0.2274, 0.2902
CMYK	1.00, 0.00, 0.08, 0.23
HSL	175°, 100%, 39%
HSV	175°, 100%, 77%
XYZ	28.3067, 43.2687, 50.5758
YIQ	136.2730, -112.2760, -46.7400

Conversions

Conversions Part 2

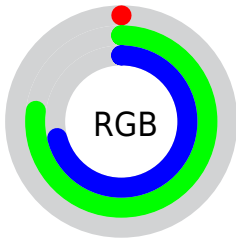
Format	Color
RYB	0, 103, 197
Decimal	50613
CIELab	71.74, -44.27, -3.62
CIELCh	72, 44.421, 184.674
Yxy	43.2687, 0.2317, 0.3542
Android (android.graphics.Color)	4278240693 (0xFF00C5B5)
YUV	136.2730, 22.0504, -119.5114
Hunter-Lab	65.7789, -38.2991, 0.4587

Details

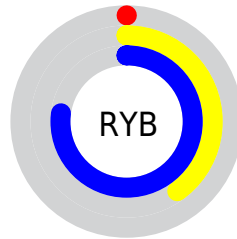
The XYZ color **28.3067, 43.2687, 50.5758** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **23.1209, 11.9089, 1.5716**, and the grayscale version is **23.4581, 24.6798, 26.8763**.

A 20% lighter version of the original color is **56.3214, 79.8816, 92.5710**, and **13.5693, 20.9045, 23.7419** is the 20% darker color. If you saturate the color by 10%, you get **28.3073, 43.2700, 50.5754**, and if you desaturate by 10%, it is **28.7558, 43.4821, 51.4601**.

Distribution



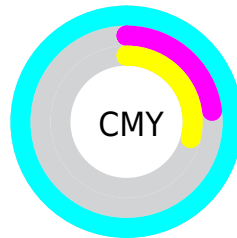
- Red (0%)
- Green (77%)
- Blue (71%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3067, 43.2687, 50.5758 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 28.3067, 43.2687, 50.5758 by changing the saturation by 10% instead.

■ 28.3067, 43.2687,
50.5758

■ 28.3067, 43.2687,
50.5758

285.9831,
359.7156, 405.7128

■ 18.6986, 30.0960,
35.4967

■ 56.3790, 80.1162,
92.4325

■ 11.5554, 19.9115,
23.7592

■ 75.5738, 104.5598,
120.0472

■ 6.5118, 12.3307,
14.9445

■ 98.6950, 133.5291,
152.6776

■ 3.2023, 6.9693,
8.6343

■ 126.1079,
167.4085, 190.7421

■ 1.2616, 3.4429,
4.4099

■ 158.1778,
206.5825, 234.6594

■ 0.1542, 1.3671,
1.8528

195.2700,

■ 0.0000, 0.1923,

251.4354, 284.8479

0.4624

237.7500,
302.3517, 341.7262

■ 0.0000, 0.0000,
0.0000

■ 28.3067, 43.2687,
50.5758

■ 28.3067, 43.2687,
50.5758

■ 28.3073, 43.2700,
50.5754

■ 28.7558, 43.4821,
51.4601

■ 29.4930, 43.8429,
52.3667

■ 30.6204, 44.4045,
53.3015

■ 32.1903, 45.1941,
54.2670

■ 34.2473, 46.2346,
55.2652

■ 36.8303, 47.5459,
56.2981

■ 39.9743, 49.1463,
57.3673

■ 43.7112, 51.0522,
58.4743

■ 48.0708, 53.2788,
59.6205

Harmonies

Analogous

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



29.3679, 43.2687, 31.4949



28.3067, 43.2687, 50.5758



30.3215, 43.2687, 74.8885

Triad

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



28.3067, 43.2687, 50.5758



49.9334, 43.2687, 90.1523



47.6416, 43.2687, 18.6738

Complementary

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



28.3067, 43.2687, 50.5758



23.1209, 11.9089, 1.5716

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.



54.2323, 43.2687, 27.2253



28.3067, 43.2687, 50.5758



55.6648, 43.2687, 67.1901

Square

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



28.3067, 43.2687, 50.5758



42.3178, 43.2687, 101.7666



57.3264, 43.2687, 43.8106



39.9560, 43.2687, 16.6719

Rectangle

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



28.3067, 43.2687, 50.5758



33.3021, 43.2687, 89.7353



57.3264, 43.2687, 43.8106



50.0874, 43.2687, 20.7150

Sweetspot

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



28.3080, 43.2703, 50.5768



71.3004, 87.8704, 102.6498



20.1885, 40.0481, 6.6669



14.7227, 18.5336, 21.7944



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.



28.3080, 43.2703, 50.5768



50.6522, 77.4769, 90.3411



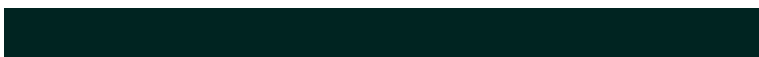
16.2017, 16.2774, 55.1131



10.9081, 12.0521, 13.4662



18.6331, 28.4656, 33.3420



0.8936, 1.3524, 1.6381

Inverse Universe

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



23.1209, 11.9089, 1.5716



41.3727, 21.3131, 2.6290



26.0520, 17.9209, 2.0869



10.6683, 10.6507, 11.2363



15.2196, 7.8374, 1.1002



0.7330, 0.3760, 0.1172

Previews

White Background



This preview shows how the XYZ color 28.3067, 43.2687, 50.5758 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 28.3067, 43.2687, 50.5758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

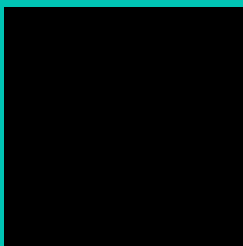
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

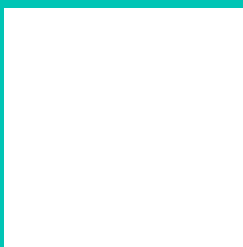
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3067, 43.2687, 50.5758

Background



This preview shows how black text looks on a background with the XYZ color 28.3067, 43.2687, 50.5758.

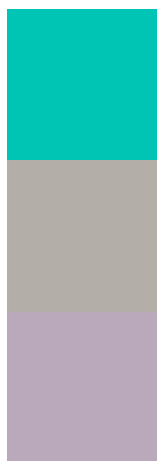


This preview shows how white text looks on a background with the XYZ color 28.3067, 43.2687,

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

28.3067, 43.2687, 50.5758

Protanopia

40.7943, 42.6830, 43.1343

Deuteranopia

43.4073, 42.4029, 52.9105



Tritanopia

31.7975, 43.3718, 67.0173

Trichromacy



Original Color

28.3067, 43.2687, 50.5758



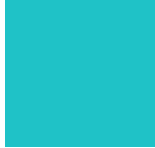
Protanomaly

31.2102, 40.0504, 45.6207



Deuteranomaly

32.3483, 39.5945, 51.8365



Tritanomaly

30.1657, 42.9984, 60.7425

Monochromacy



Original Color

28.3067, 43.2687, 50.5758



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

21.8248, 28.7470, 34.1042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3067, 43.2687, 50.5758 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, 197, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 181)  
}
```

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, 197, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 181) }
```

Border

The CSS property to change the border of an element to XYZ 28.3067, 43.2687, 50.5758 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, 197, 181) }
```


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

```
.border{ border-color:rgb(0, 197, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3067, 43.2687, 50.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 181) }
```

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

```
.background{ background-color: rgb(0, 197,  
181) }
```

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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