

Converting Colors

XYZ(24.5869, 40.3339, 52.7909)

Have a look what the booklet for
XYZ(24.5869, 40.3339, 52.7909)
contains.

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Color

**XYZ(28.1547, 42.1287,
53.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	00C2BA
RGB	0, 194, 186
RGB Percent	0%, 76%, 73%
CMY	0.9998, 0.2392, 0.2706
CMYK	1.00, 0.00, 0.04, 0.24
HSL	178°, 100%, 38%
HSV	178°, 100%, 76%
XYZ	28.1547, 42.1287, 53.1021
YIQ	135.0820, -113.0560, -43.6160

Conversions

Conversions Part 2

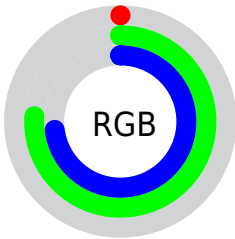
Format	Color
RYB	0, 99, 194
Decimal	49850
CIELab	70.96, -41.52, -7.50
CIELCh	71, 42.193, 190.235
Yxy	42.1287, 0.2282, 0.3414
Android (android.graphics.Color)	4278239930 (0xFF00C2BA)
YUV	135.0820, 25.1026, -118.4669
Hunter-Lab	64.9066, -36.1582, -3.0723

Details

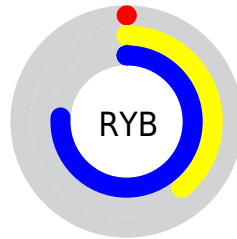
The XYZ color **28.1547, 42.1287, 53.1021** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **22.2933, 11.4882, 1.2733**, and the grayscale version is **23.0041, 24.2021, 26.3561**.

A 20% lighter version of the original color is **56.1177, 78.2887, 96.1579**, and **13.4663, 20.1587, 25.3716** is the 20% darker color. If you saturate the color by 10%, you get **28.1553, 42.1300, 53.1022**, and if you desaturate by 10%, it is **28.5180, 42.3071, 53.5655**.

Distribution



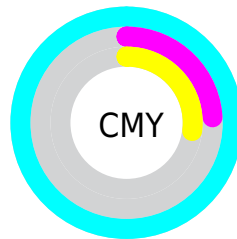
- Red (0%)
- Green (76%)
- Blue (73%)



- Red (0%)
- Yellow (39%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1547, 42.1287, 53.1021 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 28.1547, 42.1287, 53.1021 by changing the saturation by 10% instead.

■ 28.1547, 42.1287,
53.1021

■ 28.1547, 42.1287,
53.1021

285.2721,
355.0162, 415.7541

■ 18.5834, 29.2021,
37.4960

■ 56.1383, 78.3944,
96.1977

■ 11.4718, 19.2337,
25.2930

■ 75.2812, 102.5022,
124.5242

■ 6.4548, 11.8393,
16.0745

■ 98.3453, 131.1059,
157.9280

■ 3.1668, 6.6343,
9.4219

■ 125.6961,
164.5899, 196.8275

■ 1.2426, 3.2345,
4.9168

■ 157.6988,
203.3385, 241.6413

■ 0.1396, 1.2553,
2.1407

194.7188,

■ 0.0000, 0.1062,

247.7361, 292.7880

0.6398

237.1214,
298.1672, 350.6861

■ 0.0000, 0.0000,
0.0000

■ 28.1547, 42.1287,
53.1021

■ 28.1547, 42.1287,
53.1021

■ 28.1553, 42.1300,
53.1022

■ 28.5180, 42.3071,
53.5655

■ 29.1573, 42.6267,
54.0433

■ 30.1718, 43.1398,
54.5412

■ 31.6122, 43.8723,
55.0615

■ 33.5210, 44.8462,
55.6063

■ 35.9359, 46.0810,
56.1772

■ 38.8904, 47.5939,
56.7759

■ 42.4155, 49.4009,
57.4038

■ 46.5396, 51.5167,
58.0623

Harmonies

Analogous

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



28.6170, 42.1287, 33.9819



28.1547, 42.1287, 53.1021



30.5809, 42.1287, 75.7080

Triad

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



28.1547, 42.1287, 53.1021



49.4269, 42.1287, 82.2410



44.7910, 42.1287, 18.2258

Complementary

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



28.1547, 42.1287, 53.1021



22.2933, 11.4882, 1.2733

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.



51.2774, 42.1287, 25.1280



28.1547, 42.1287, 53.1021



54.1634, 42.1287, 60.2526

Square

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



28.1547, 42.1287, 53.1021



42.4932, 42.1287, 95.5098



54.8776, 42.1287, 39.3281



37.6871, 42.1287, 17.3406

Rectangle

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



28.1547, 42.1287, 53.1021



33.6972, 42.1287, 88.3695



54.8776, 42.1287, 39.3281



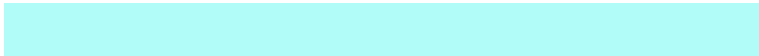
47.1372, 42.1287, 19.7972

Sweetspot

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



28.1560, 42.1303, 53.1031



70.1683, 86.0774, 102.8055



19.4145, 38.6477, 6.4376



14.8396, 18.5804, 22.4101



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.



28.1560, 42.1303, 53.1031



50.9843, 76.3168, 96.0762



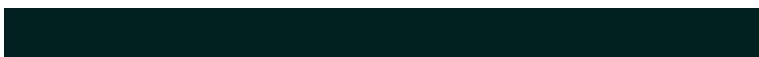
14.9668, 14.3523, 53.0220



10.3500, 11.4211, 12.8465



18.5184, 27.7014, 34.9527



0.8058, 1.1992, 1.5400

Inverse Universe

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



22.2933, 11.4882, 1.2733



40.3651, 20.8024, 2.1869



25.6834, 18.3385, 2.1871



10.0897, 10.0845, 10.5627



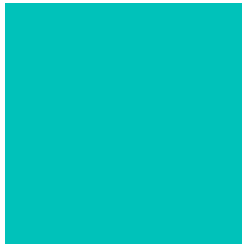
14.6638, 7.5553, 0.8758



0.6395, 0.3288, 0.0690

Previews

White Background



This preview shows how the XYZ color 28.1547, 42.1287, 53.1021 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 28.1547, 42.1287, 53.1021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

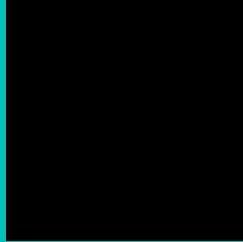
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

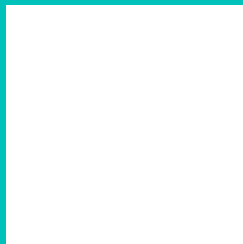
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1547, 42.1287, 53.1021

Background



This preview shows how black text looks on a background with the XYZ color 28.1547, 42.1287, 53.1021.

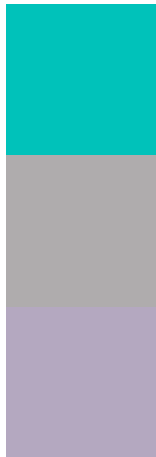


This preview shows how white text looks on a background with the XYZ color 28.1547, 42.1287,

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

28.1547, 42.1287, 53.1021

Protanopia

39.9745, 41.6361, 45.4649

Deuteranopia

42.3395, 41.5143, 55.6507



Tritanopia

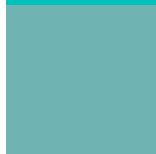
30.7262, 42.2101, 64.9204

Trichromacy



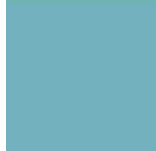
Original Color

28.1547, 42.1287, 53.1021



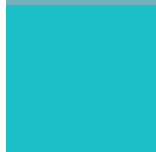
Protanomaly

30.9127, 39.2364, 48.0636



Deuteranomaly

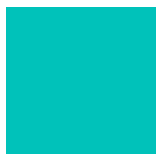
32.0866, 38.8068, 54.5145



Tritanomaly

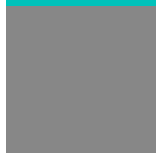
29.6104, 42.0558, 60.5898

Monochromacy



Original Color

28.1547, 42.1287, 53.1021



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.5590, 28.0885, 34.8572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1547, 42.1287, 53.1021 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, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 186)  
}
```

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, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 186) }
```

Border

The CSS property to change the border of an element to XYZ 28.1547, 42.1287, 53.1021 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, 194, 186) }
```


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

```
.border{ border-color:rgb(0, 194, 186) }
```

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

Here you see how a box with a 4 pixel rgb(0, 194, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1547, 42.1287, 53.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 186) }
```

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

```
.background{ background-color: rgb(0, 194,  
186) }
```

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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