

Converting Colors

XYZ(24.8280, 40.3995, 53.3024)

Have a look what the booklet for
XYZ(24.8280, 40.3995, 53.3024)
contains.

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Color

**XYZ(28.2614, 42.1714,
53.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	00C2BB
RGB	0, 194, 187
RGB Percent	0%, 76%, 73%
CMY	0.9999, 0.2392, 0.2667
CMYK	1.00, 0.00, 0.04, 0.24
HSL	178°, 100%, 38%
HSV	178°, 100%, 76%
XYZ	28.2614, 42.1714, 53.6641
YIQ	135.1960, -113.3770, -43.3050

Conversions

Conversions Part 2

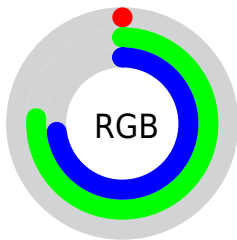
Format	Color
RYB	0, 99, 194
Decimal	49851
CIELab	70.99, -41.23, -8.00
CIELCh	71, 41.997, 190.981
Yxy	42.1714, 0.2277, 0.3398
Android (android.graphics.Color)	4278239931 (0xFF00C2BB)
YUV	135.1960, 25.5394, -118.5669
Hunter-Lab	64.9395, -35.9617, -3.5379

Details

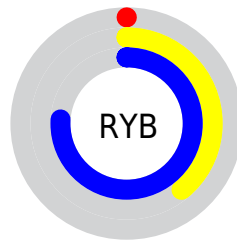
The XYZ color **28.2614, 42.1714, 53.6641** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **22.2878, 11.4859, 1.2444**, and the grayscale version is **23.0446, 24.2448, 26.4025**.

A 20% lighter version of the original color is **56.2684, 78.3490, 96.9512**, and **13.5357, 20.1865, 25.7372** is the 20% darker color. If you saturate the color by 10%, you get **28.2621, 42.1727, 53.6644**, and if you desaturate by 10%, it is **28.6145, 42.3457, 54.0739**.

Distribution



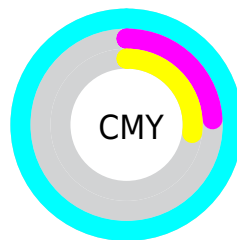
- Red (0%)
- Green (76%)
- Blue (73%)



- 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 28.2614, 42.1714, 53.6641 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 28.2614, 42.1714, 53.6641 by changing the saturation by 10% instead.


 28.2614, 42.1714,
53.6641


 28.2614, 42.1714,
53.6641


285.7714,
355.1930, 417.9662


 18.6643, 29.2355,
37.9418


 56.3072, 78.4590,
97.0323


 11.5305, 19.2591,
25.6361


 75.4866, 102.5794,
125.5153

 6.4948, 11.8576,
16.3283


 98.5909, 131.1969,
159.0890

 3.1917, 6.6468,
9.5999

 125.9852,
164.6958, 198.1719

 1.2559, 3.2422,
5.0324

 158.0351,
203.4604, 243.1825

 0.1499, 1.2595,
2.2072

195.1058,

 0.0000, 0.1095,

247.8752, 294.5394

0.6785

237.5628,
298.3246, 352.6611

■ 0.0000, 0.0000,
0.0000

■ 28.2614, 42.1714,
53.6641

■ 28.2614, 42.1714,
53.6641

■ 28.2621, 42.1727,
53.6644

■ 28.6145, 42.3457,
54.0739

■ 29.2434, 42.6612,
54.4976

■ 30.2476, 43.1701,
54.9408

■ 31.6773, 43.8983,
55.4058

■ 33.5755, 44.8680,
55.8946

■ 35.9796, 46.0984,
56.4090

■ 38.9232, 47.6070,
56.9506

■ 42.4372, 49.4096,
57.5209

■ 46.5502, 51.5209,
58.1210

Harmonies

Analogous

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



28.6502, 42.1714, 34.4598



28.2614, 42.1714, 53.6641



30.7506, 42.1714, 76.1435

Triad

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



28.2614, 42.1714, 53.6641



49.5801, 42.1714, 81.6258



44.6338, 42.1714, 18.2525

Complementary

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



28.2614, 42.1714, 53.6641



22.2878, 11.4859, 1.2444

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.



51.1342, 42.1714, 24.9821



28.2614, 42.1714, 53.6641



54.2118, 42.1714, 59.6691

Square

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



28.2614, 42.1714, 53.6641



42.7034, 42.1714, 95.1462



54.8115, 42.1714, 38.9547



37.5714, 42.1714, 17.5065

Rectangle

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



28.2614, 42.1714, 53.6641



33.8978, 42.1714, 88.5809



54.8115, 42.1714, 38.9547



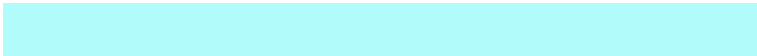
46.9775, 42.1714, 19.7724

Sweetspot

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



28.2627, 42.1730, 53.6651



70.2294, 86.1018, 103.1272



19.4145, 38.6477, 6.4375



14.8549, 18.5865, 22.4903



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.



28.2627, 42.1730, 53.6651



51.1806, 76.3953, 97.1098



14.9667, 14.3520, 53.0220



10.3523, 11.4220, 12.8587



18.5877, 27.7291, 35.3175



0.8081, 1.2001, 1.5522

Inverse Universe

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



22.2878, 11.4859, 1.2444



40.3580, 20.7995, 2.1493



25.6833, 18.3383, 2.1870



10.0876, 10.0836, 10.5519



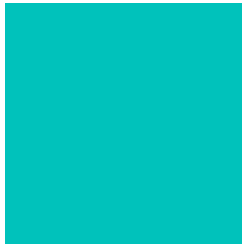
14.6593, 7.5535, 0.8519



0.6386, 0.3284, 0.0641

Previews

White Background



This preview shows how the XYZ color 28.2614, 42.1714, 53.6641 looks on a white background.

Color Contrast Check

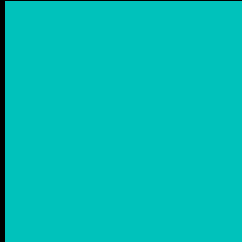
Large Text (above 18pt) WCAG AA × Fail

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 28.2614, 42.1714, 53.6641 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

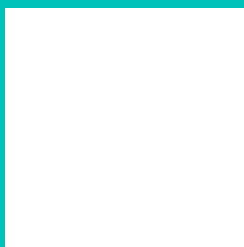
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2614, 42.1714, 53.6641

Background



This preview shows how black text looks on a background with the XYZ color 28.2614, 42.1714, 53.6641.

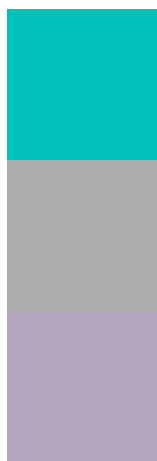


This preview shows how white text looks on a background with the XYZ color 28.2614, 42.1714,

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

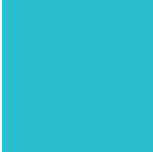
28.2614, 42.1714, 53.6641

Protanopia

40.0717, 41.6750, 45.9765

Deuteranopia

42.4507, 41.5588, 56.2363



Tritanopia

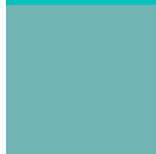
30.8077, 42.2380, 65.5605

Trichromacy



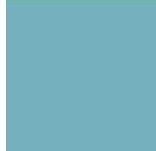
Original Color

28.2614, 42.1714, 53.6641



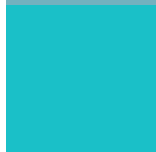
Protanomaly

31.0135, 39.2767, 48.5944



Deuteranomaly

32.1963, 38.8507, 55.0922



Tritanomaly

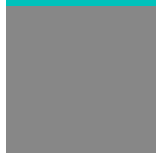
29.7010, 42.0890, 61.2022

Monochromacy



Original Color

28.2614, 42.1714, 53.6641



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 28.2614, 42.1714, 53.6641 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 187) }
```

Border

The CSS property to change the border of an element to XYZ 28.2614, 42.1714, 53.6641 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, 187) }
```


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

```
.border{ border-color:rgb(0, 194, 187) }
```

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, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2614, 42.1714, 53.6641 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, 187) }
```

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

```
.background{ background-color: rgb(0, 194,  
187) }
```

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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