

Converting Colors

XYZ(20.6581, 37.6815, 55.2174)

Have a look what the booklet for
XYZ(20.6581, 37.6815, 55.2174)
contains.

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Color

**XYZ(28.2536, 41.4609,
55.8038)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0BF
RGB	0, 192, 191
RGB Percent	0%, 75%, 75%
CMY	0.9999, 0.2470, 0.2510
CMYK	1.00, 0.00, 0.01, 0.25
HSL	180°, 100%, 38%
HSV	180°, 100%, 75%
XYZ	28.2536, 41.4609, 55.8038
YIQ	134.4780, -114.1110, -41.0150

Conversions

Conversions Part 2

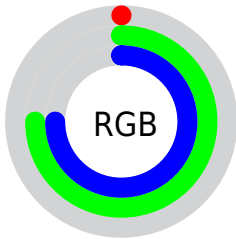
Format	Color
RYB	0, 96, 192
Decimal	49343
CIELab	70.50, -39.14, -10.92
CIELCh	70, 40.635, 195.588
Yxy	41.4609, 0.2251, 0.3303
Android (android.graphics.Color)	4278239423 (0xFF00C0BF)
YUV	134.4780, 27.8653, -117.9372
Hunter-Lab	64.3901, -34.3591, -6.3107

Details

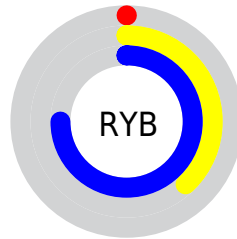
The XYZ color **28.2536, 41.4609, 55.8038** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **21.7451, 11.2099, 1.0475**, and the grayscale version is **22.7712, 23.9571, 26.0893**.

A 20% lighter version of the original color is **56.2577, 77.3503, 99.9607**, and **13.6759, 20.0119, 27.1866** is the 20% darker color. If you saturate the color by 10%, you get **28.2544, 41.4622, 55.8047**, and if you desaturate by 10%, it is **28.5386, 41.6075, 55.8757**.

Distribution



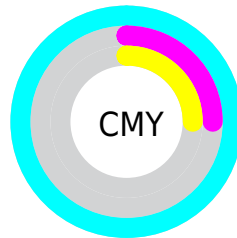
- Red (0%)
- Green (75%)
- Blue (75%)



- 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 28.2536, 41.4609, 55.8038 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 28.2536, 41.4609, 55.8038 by changing the saturation by 10% instead.

■ 28.2536, 41.4609,
55.8038

■ 28.2536, 41.4609,
55.8038

285.7349,
352.2433, 426.3192

■ 18.6583, 28.6794,
39.6427

■ 56.2949, 77.3831,
100.2006

■ 11.5262, 18.8384,
26.9484

■ 75.4716, 101.2925,
129.2733

■ 6.4918, 11.5536,
17.3024

■ 98.5729, 129.6801,
163.4871

■ 3.1899, 6.4405,
10.2861

■ 125.9641,
162.9301, 203.2603

■ 1.2549, 3.1147,
5.4810

■ 158.0105,
201.4271, 249.0116

■ 0.1491, 1.1919,
2.4685

195.0776,

■ 0.0000, 0.0551,

245.5553, 301.1595

0.8234

237.5306,
295.6993, 360.1225

■ 0.0000, 0.0000,
0.0000

■ 28.2536, 41.4609,
55.8038

■ 28.2536, 41.4609,
55.8038

■ 28.2544, 41.4622,
55.8047

■ 28.5386, 41.6075,
55.8757

■ 29.0920, 41.8915,
55.9592

■ 30.0115, 42.3642,
56.0599

■ 31.3461, 43.0510,
56.1800

■ 33.1376, 43.9732,
56.3216

■ 35.4225, 45.1498,
56.4863

■ 38.2335, 46.5977,
56.6757

■ 41.6009, 48.3323,
56.8911

■ 45.5522, 50.3681,
57.1339

Harmonies

Analogous

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



28.1988, 41.4609, 36.5681



28.2536, 41.4609, 55.8038



31.0605, 41.4609, 76.9671

Triad

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



28.2536, 41.4609, 55.8038



49.3466, 41.4609, 76.2053



42.7021, 41.4609, 18.0057

Complementary

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



28.2536, 41.4609, 55.8038



21.7451, 11.2099, 1.0475

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.



49.1297, 41.4609, 23.5817



28.2536, 41.4609, 55.8038



53.2506, 41.4609, 54.9654

Square

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



28.2536, 41.4609, 55.8038



42.9722, 41.4609, 90.8331



53.1669, 41.4609, 35.9360



36.0453, 41.4609, 18.1121

Rectangle

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



28.2536, 41.4609, 55.8038



34.3183, 41.4609, 87.7733



53.1669, 41.4609, 35.9360



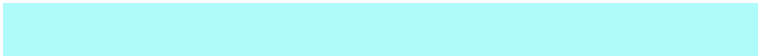
44.9761, 41.4609, 19.1891

Sweetspot

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



28.2549, 41.4624, 55.8048



68.9964, 84.2863, 102.6716



18.8910, 37.7215, 6.2864



14.3164, 17.8321, 21.9942



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.



28.2549, 41.4624, 55.8048



51.1905, 75.1235, 101.0948



13.9979, 12.7715, 51.5982



10.3662, 11.4275, 12.9319



19.0125, 27.8991, 37.5544



0.8222, 1.2057, 1.6266

Inverse Universe

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



21.7451, 11.2099, 1.0475



39.3957, 20.3084, 1.8810



25.6378, 19.0042, 2.3180



10.0753, 10.0787, 10.4871



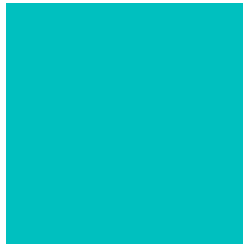
14.6321, 7.5426, 0.7087



0.6330, 0.3262, 0.0346

Previews

White Background



This preview shows how the XYZ color 28.2536, 41.4609, 55.8038 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 28.2536, 41.4609, 55.8038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

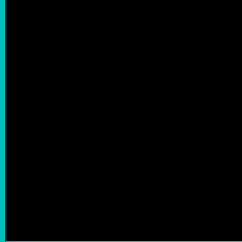
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

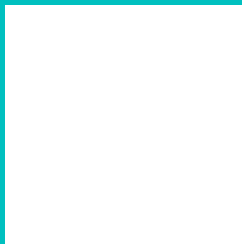
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2536, 41.4609, 55.8038

Background



This preview shows how black text looks on a background with the XYZ color 28.2536, 41.4609, 55.8038.



This preview shows how white text looks on a background with the XYZ color 28.2536, 41.4609,

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

28.2536, 41.4609, 55.8038

Protanopia

39.4239, 40.7345, 47.9042

Deuteranopia

41.8013, 40.8988, 58.5144



Tritanopia

30.1605, 41.6098, 64.1995

Trichromacy



Original Color

28.2536, 41.4609, 55.8038

Protanomaly

30.7743, 38.5109, 50.6111

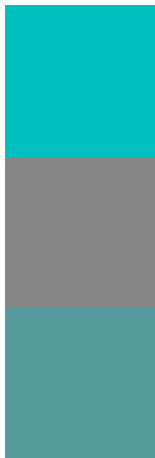
Deuteranomaly

32.0578, 38.4355, 57.3589

Tritanomaly

29.4095, 41.6139, 61.1258

Monochromacy



Original Color

28.2536, 41.4609, 55.8038

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.3841, 27.7405, 35.2377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2536, 41.4609, 55.8038 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.2536, 41.4609, 55.8038 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, 191) }
```


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

```
.border{ border-color:rgb(0, 192, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2536, 41.4609, 55.8038 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, 191) }
```

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

```
.background{ background-color: rgb(0, 192,  
191) }
```

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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