

Converting Colors

XYZ(32.3673, 50.1156, 55.3656)

Have a look what the booklet for
XYZ(32.3673, 50.1156, 55.3656)
contains.

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Color

**XYZ(32.4715, 50.2710,
55.5688)**

Conversions

Conversions Part 1

Format	Color
Hex	08D3BC
RGB	8, 211, 188
RGB Percent	3%, 83%, 74%
CMY	0.9685, 0.1725, 0.2627
CMYK	0.96, 0.00, 0.11, 0.17
HSL	173°, 93%, 43%
HSV	173°, 96%, 83%
XYZ	32.4715, 50.2710, 55.5688
YIQ	147.6810, -113.6050, -50.1890

Conversions

Conversions Part 2

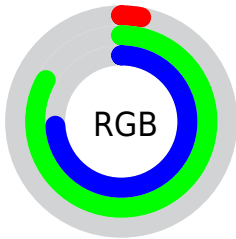
Format	Color
RYB	8, 116, 211
Decimal	578492
CIELab	76.24, -48.03, -0.80
CIELCh	76, 48.037, 180.957
Yxy	50.2710, 0.2348, 0.3635
Android (android.graphics.Color)	4278768572 (0xFF08D3BC)
YUV	147.6810, 19.8773, -122.5002
Hunter-Lab	70.9020, -42.3297, 3.1635

Details

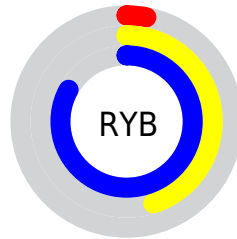
The XYZ color **32.4715, 50.2710, 55.5688** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **27.2000, 14.1230, 2.5914**, and the grayscale version is **27.9745, 29.4314, 32.0508**.

A 20% lighter version of the original color is **58.1525, 81.1775, 98.1918**, and **16.0945, 25.1920, 26.9359** is the 20% darker color. If you saturate the color by 10%, you get **32.2744, 50.1819, 55.0497**, and if you desaturate by 10%, it is **33.1429, 50.5883, 56.9583**.

Distribution



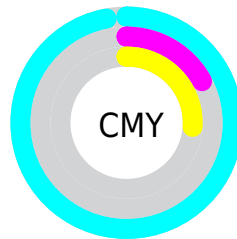
- Red (3%)
- Green (83%)
- Blue (74%)



- Red (3%)
- Yellow (45%)
- Blue (83%)



- Cyan (96%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)




- Cyan (97%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4715, 50.2710, 55.5688 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 32.4715, 50.2710, 55.5688 by changing the saturation by 10% instead.


 32.4715, 50.2710,
55.5688


 32.4715, 50.2710,
55.5688


304.9688,
387.7248, 425.4070


 21.8792, 35.6288,
39.4556


 62.9097, 90.5763,
99.8533


 13.8843, 24.1476,
26.8038


 83.4864, 117.0081,
128.8618


 8.1214, 15.4432,
17.1948


 108.1218,
148.1386, 163.0057

 4.2252, 9.1310,
10.2101

 137.1815,
184.3522, 202.7037

 1.8303, 4.8267,
5.4310

 171.0306,
226.0331, 248.3743

 0.5358, 2.1460,
2.4392

210.0346,

 0.0000, 0.6903,

273.5660, 300.4360

0.8077

254.5589,
327.3351, 359.3074

■ 0.0000, 0.0000,
0.0000

■ 32.4715, 50.2710,
55.5688

■ 32.4715, 50.2710,
55.5688

■ 32.2744, 50.1819,
55.0497

■ 33.1429, 50.5883,
56.9583

■ 34.2238, 51.1149,
58.3883

■ 35.7887, 51.8906,
59.8634

■ 37.8958, 52.9454,
61.3865

■ 40.5951, 54.3049,
62.9601

■ 43.9309, 55.9920,
64.5862

■ 47.9432, 58.0274,
66.2669

■ 52.6687, 60.4299,
68.0041

■ 58.1415, 63.2172,
69.7993

Harmonies

Analogous

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



34.1823, 50.2710, 34.0145



32.4715, 50.2710, 55.5688



34.4141, 50.2710, 84.4215

Triad

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



32.4715, 50.2710, 55.5688



57.2554, 50.2710, 109.2443



56.6923, 50.2710, 21.8152

Complementary

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



32.4715, 50.2710, 55.5688



27.2000, 14.1230, 2.5914

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.



64.2260, 50.2710, 32.9807



32.4715, 50.2710, 55.5688



64.5788, 50.2710, 82.5214

Square

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



32.4715, 50.2710, 55.5688



48.0708, 50.2710, 120.8199



67.2749, 50.2710, 53.9127



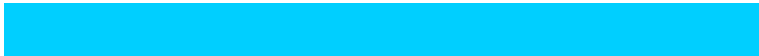
47.4925, 50.2710, 18.6119

Rectangle

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



32.4715, 50.2710, 55.5688



37.6804, 50.2710, 103.0066



67.2749, 50.2710, 53.9127



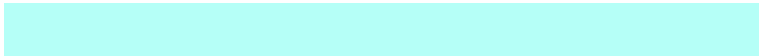
59.5425, 50.2710, 24.5431

Sweetspot

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



32.4730, 50.2729, 55.5700



71.5576, 88.0417, 100.9104



23.9260, 46.9103, 8.0244



14.7507, 18.5577, 21.3611



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.



32.4730, 50.2729, 55.5700



49.5014, 77.0166, 84.2812



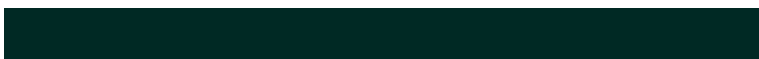
20.2738, 21.5850, 64.7279



12.0983, 13.3831, 14.8738



19.5010, 30.2933, 33.3483



1.1072, 1.7005, 1.9531

Inverse Universe

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



27.2000, 14.1230, 2.5914



41.4605, 21.3482, 3.0912



30.2240, 20.4972, 2.5942



11.8624, 11.8297, 12.5514



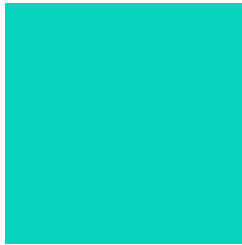
16.3306, 8.4051, 1.3810



0.9318, 0.4774, 0.1758

Previews

White Background



This preview shows how the XYZ color 32.4715, 50.2710, 55.5688 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 32.4715, 50.2710, 55.5688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

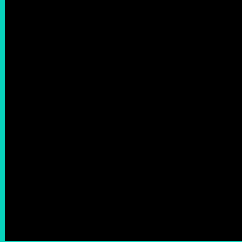
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

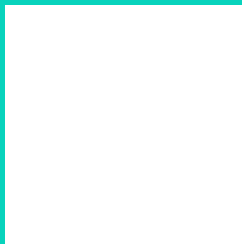
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4715, 50.2710, 55.5688

Background



This preview shows how black text looks on a background with the XYZ color 32.4715, 50.2710, 55.5688.

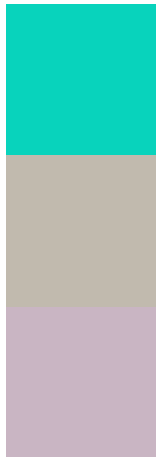


This preview shows how white text looks on a background with the XYZ color 32.4715, 50.2710,

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

32.4715, 50.2710, 55.5688

Protanopia

47.1912, 49.5113, 47.1138

Deuteranopia

50.4616, 49.4054, 58.5063



Tritanopia

36.9661, 50.2826, 77.5692

Trichromacy



Original Color

32.4715, 50.2710, 55.5688



Protanomaly

36.2560, 46.7205, 49.7549



Deuteranomaly

37.7241, 46.3303, 56.8235



Tritanomaly

34.9881, 50.1770, 68.8138

Monochromacy



Original Color

32.4715, 50.2710, 55.5688



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.1035, 34.3116, 39.8973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4715, 50.2710, 55.5688 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(8, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(8, 211, 188)  
}
```

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(8, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 211, 188) }
```

Border

The CSS property to change the border of an element to XYZ 32.4715, 50.2710, 55.5688 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(8, 211, 188) }
```


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

```
.border{ border-color:rgb(8, 211, 188) }
```

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

Here you see how a box with a 4 pixel rgb(8, 211, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 211, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 211, 188);  
box-shadow:4px 4px 4px 4px rgb(8, 211,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4715, 50.2710, 55.5688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 211, 188) }
```

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

```
.background{ background-color: rgb(8, 211,  
188) }
```

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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