

Converting Colors

XYZ(32.7235, 50.8023, 55.7487)

Have a look what the booklet for
XYZ(32.7235, 50.8023, 55.7487)
contains.

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Color

**XYZ(32.6832, 50.7501,
55.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	05D4BC
RGB	5, 212, 188
RGB Percent	2%, 83%, 74%
CMY	0.9802, 0.1686, 0.2627
CMYK	0.98, 0.00, 0.11, 0.17
HSL	173°, 95%, 43%
HSV	173°, 98%, 83%
XYZ	32.6832, 50.7501, 55.6501
YIQ	147.3710, -115.6680, -51.3480

Conversions

Conversions Part 2

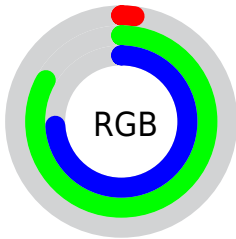
Format	Color
R _{YB}	5, 115, 212
Decimal	382140
CIE Lab	76.53, -48.53, -0.38
CIE LCh	77, 48.533, 180.444
Yxy	50.7501, 0.2350, 0.3649
Android (android.graphics.Color)	4278572220 (0xFF05D4BC)
YUV	147.3710, 20.0301, -124.8594
Hunter-Lab	71.2391, -42.7759, 3.5516

Details

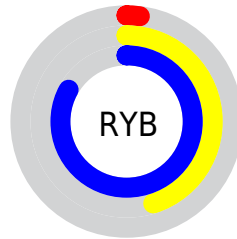
The XYZ color **32.6832, 50.7501, 55.6501** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **27.4293, 14.1959, 2.4595**, and the grayscale version is **27.8463, 29.2964, 31.9038**.

A 20% lighter version of the original color is **58.1525, 81.1775, 98.1918**, and **16.2616, 25.5262, 26.9916** is the 20% darker color. If you saturate the color by 10%, you get **32.5587, 50.6943, 55.3171**, and if you desaturate by 10%, it is **33.3211, 51.0493, 57.0766**.

Distribution



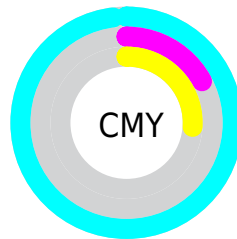
- Red (2%)
- Green (83%)
- Blue (74%)



- Red (2%)
- Yellow (45%)
- Blue (83%)



- Cyan (98%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)





- Cyan (98%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6832, 50.7501, 55.6501 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 32.6832, 50.7501, 55.6501 by changing the saturation by 10% instead.

 32.6832, 50.7501,
55.6501


 32.6832, 50.7501,
55.6501


305.9101,
389.5921, 425.7227


 22.0419, 36.0098,
39.5203


 63.2386, 91.2853,
99.9735


 14.0045, 24.4417,
26.8538


 83.8835, 117.8489,
129.0042


 8.2055, 15.6616,
17.2320


 108.5936,
149.1224, 163.1723

 4.2796, 9.2850,
10.2363

 137.7342,
185.4902, 202.8963

 1.8615, 4.9276,
5.4483

 171.6709,
227.3367, 248.5949

 0.5543, 2.2048,
2.4493

210.7688,

 0.0000, 0.7226,

275.0462, 300.6864

0.8131

255.3935,
329.0032, 359.5895

■ 0.0000, 0.0000,
0.0000

■ 32.6832, 50.7501,
55.6501

■ 32.6832, 50.7501,
55.6501

■ 32.5587, 50.6943,
55.3171

■ 33.3211, 51.0493,
57.0766

■ 34.3536, 51.5501,
58.5442

■ 35.8662, 52.2980,
60.0580

■ 37.9195, 53.3240,
61.6210

■ 40.5649, 54.6547,
63.2357

■ 43.8480, 56.3137,
64.9045

■ 47.8099, 58.3221,
66.6293

■ 52.4881, 60.6991,
68.4119

■ 57.9174, 63.4629,
70.2542

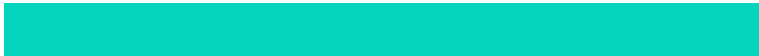
Harmonies

Analogous

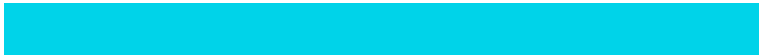
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.4825, 50.7501, 33.9276



32.6832, 50.7501, 55.6501



34.5918, 50.7501, 84.9540

Triad

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



32.6832, 50.7501, 55.6501



57.7207, 50.7501, 111.1381



57.4546, 50.7501, 21.9736

Complementary

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



32.6832, 50.7501, 55.6501



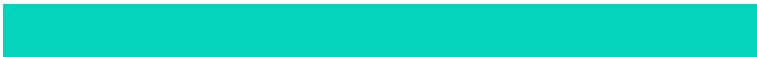
27.4293, 14.1959, 2.4595

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.



65.0666, 50.7501, 33.4408



32.6832, 50.7501, 55.6501



65.2334, 50.7501, 84.0552

Square

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



32.6832, 50.7501, 55.6501



48.3731, 50.7501, 122.5871



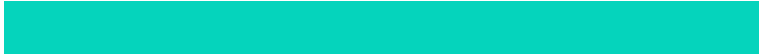
68.0753, 50.7501, 54.8682



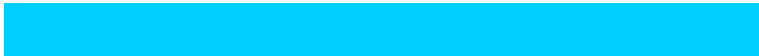
48.1001, 50.7501, 18.6132

Rectangle

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



32.6832, 50.7501, 55.6501



37.8687, 50.7501, 103.9757



68.0753, 50.7501, 54.8682



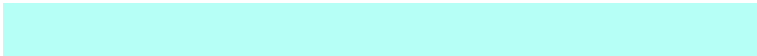
60.3423, 50.7501, 24.7818

Sweetspot

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



32.6847, 50.7520, 55.6513



71.5275, 88.0297, 100.7519



24.0839, 47.3636, 8.0175



14.7434, 18.5547, 21.3224



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.



32.6847, 50.7520, 55.6513



49.4090, 76.9796, 83.7947



20.2892, 21.4703, 65.3643



12.7273, 14.0819, 15.6443



20.1235, 31.3047, 34.2754



1.2317, 1.8953, 2.1621

Inverse Universe

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



27.4293, 14.1959, 2.4595



41.4689, 21.3516, 3.1355



30.3795, 20.4078, 2.4826



12.4812, 12.4440, 13.2085



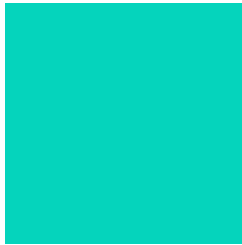
16.8865, 8.6909, 1.4407



1.0385, 0.5322, 0.1924

Previews

White Background



This preview shows how the XYZ color 32.6832, 50.7501, 55.6501 looks on a white background.

Color Contrast Check

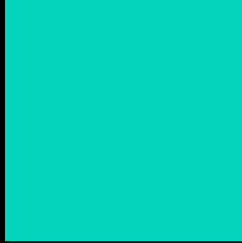
Large Text (above 18pt) WCAG AA × Fail

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 32.6832, 50.7501, 55.6501 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

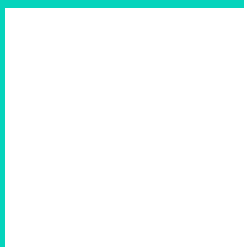
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6832, 50.7501, 55.6501

Background



This preview shows how black text looks on a background with the XYZ color 32.6832, 50.7501, 55.6501.

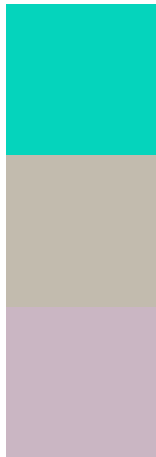


This preview shows how white text looks on a background with the XYZ color 32.6832, 50.7501,

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

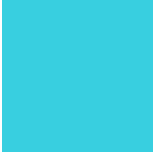
32.6832, 50.7501, 55.6501

Protanopia

47.6584, 50.0660, 47.1962

Deuteranopia

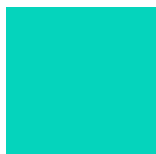
50.9354, 49.9526, 58.5870



Tritanopia

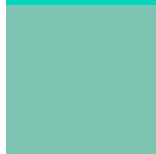
37.3983, 50.8482, 78.3646

Trichromacy



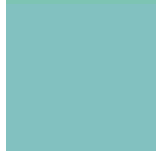
Original Color

32.6832, 50.7501, 55.6501



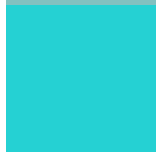
Protanomaly

36.3341, 47.0945, 49.8230



Deuteranomaly

37.7903, 46.6915, 56.8898



Tritanomaly

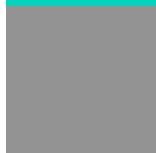
35.3213, 50.6974, 69.5520

Monochromacy



Original Color

32.6832, 50.7501, 55.6501



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.8038, 34.1674, 39.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6832, 50.7501, 55.6501 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(5, 212, 188)` looks like.

```
.text, #text, p{  
    color:rgb(5, 212, 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(5, 212, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 212, 188) }
```

Border

The CSS property to change the border of an element to XYZ 32.6832, 50.7501, 55.6501 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(5, 212, 188) }
```


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

```
.border{ border-color:rgb(5, 212, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 212, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 212, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 212, 188);  
box-shadow:4px 4px 4px 4px rgb(5, 212,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6832, 50.7501, 55.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 212, 188) }
```

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

```
.background{ background-color: rgb(5, 212,  
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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