

Converting Colors

XYZ(26.4439, 52.1283, 42.5520)

Have a look what the booklet for
XYZ(26.4439, 52.1283, 42.5520)
contains.

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Color

**XYZ(32.8207, 55.3486,
42.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFA1
RGB	0, 223, 161
RGB Percent	0%, 87%, 63%
CMY	0.9999, 0.1255, 0.3686
CMYK	1.00, 0.00, 0.28, 0.13
HSL	163°, 100%, 44%
HSV	163°, 100%, 87%
XYZ	32.8207, 55.3486, 42.6717
YIQ	149.2550, -113.0060, -66.5580

Conversions

Conversions Part 2

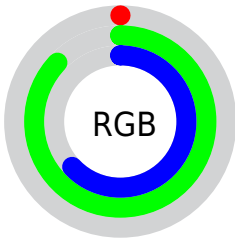
Format	Color
RYB	0, 130, 223
Decimal	57249
CIELab	79.24, -59.74, 17.85
CIELCh	79, 62.350, 163.365
Yxy	55.3486, 0.2508, 0.4230
Android (android.graphics.Color)	4278247329 (0xFF00DFA1)
YUV	149.2550, 5.7903, -130.8966
Hunter-Lab	74.3966, -51.4474, 18.0707

Details

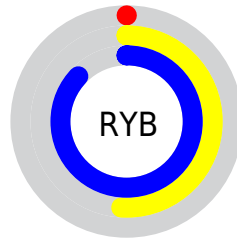
The XYZ color **32.8207, 55.3486, 42.6717** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **31.3031, 16.0372, 6.0070**, and the grayscale version is **28.6889, 30.1829, 32.8692**.

A 20% lighter version of the original color is **54.2181, 79.6037, 77.4732**, and **16.3965, 28.3766, 19.0810** is the 20% darker color. If you saturate the color by 10%, you get **32.8212, 55.3504, 42.6696**, and if you desaturate by 10%, it is **33.7206, 55.7492, 45.6410**.

Distribution



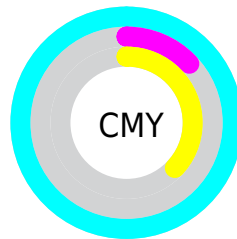
- Red (0%)
- Green (87%)
- Blue (63%)



- Red (0%)
- Yellow (51%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)





- Cyan (100%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8207, 55.3486, 42.6717 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 32.8207, 55.3486, 42.6717 by changing the saturation by 10% instead.


 32.8207, 55.3486,
42.6717


 32.8207, 55.3486,
42.6717


306.5203,
407.2320, 373.1414


 22.1477, 39.6809,
29.2981


 63.4521, 98.0515,
80.4962

 14.0827, 27.2898,
19.0589


 84.1411, 125.8555,
105.7843


 8.2603, 17.7910,
11.5356

 108.8996,
158.4737, 135.8809

 4.3151, 10.8000,
6.3096

 138.0928,
196.2906, 171.2046

 1.8819, 5.9325,
2.9624

 172.0861,
239.6904, 212.1740

 0.5663, 2.8041,
1.0755

211.2449,

 0.0000, 1.0303,

289.0577, 259.2075

0.0000

255.9345,
344.7767, 312.7238

■ 0.0000, 0.0000,
0.0000

■ 32.8207, 55.3486,
42.6717

■ 32.8207, 55.3486,
42.6717

■ 32.8212, 55.3504,
42.6696

■ 33.7206, 55.7492,
45.6410

■ 35.0365, 56.3596,
48.7722

■ 36.8964, 57.2472,
52.0743

■ 39.3726, 58.4493,
55.5528

■ 42.5259, 59.9972,
59.2122

■ 46.4098, 61.9183,
63.0569

■ 51.0719, 64.2373,
67.0910

■ 56.5562, 66.9767,
71.3183

■ 62.9030, 70.1572,
75.7425

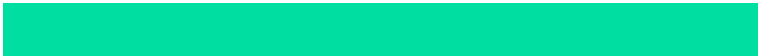
Harmonies

Analogous

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



37.8054, 55.3486, 22.8672



32.8207, 55.3486, 42.6717



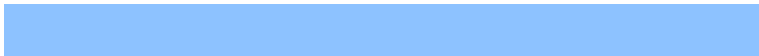
32.5629, 55.3486, 77.5664

Triad

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



32.8207, 55.3486, 42.6717



58.3445, 55.3486, 154.7643



72.0280, 55.3486, 24.3502

Complementary

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



32.8207, 55.3486, 42.6717



31.3031, 16.0372, 6.0070

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.



79.5435, 55.3486, 45.7494



32.8207, 55.3486, 42.6717



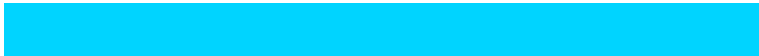
70.8418, 55.3486, 125.2155

Square

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



32.8207, 55.3486, 42.6717



46.0392, 55.3486, 152.8704



79.0779, 55.3486, 82.1311



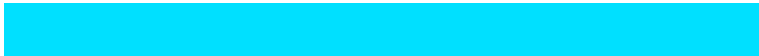
59.7719, 55.3486, 15.5181

Rectangle

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



32.8207, 55.3486, 42.6717



35.0200, 55.3486, 106.4515



79.0779, 55.3486, 82.1311



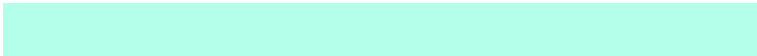
75.2731, 55.3486, 29.8464

Sweetspot

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



32.8222, 55.3508, 42.6730



69.0473, 86.9691, 90.7849



28.4517, 53.8408, 8.8935



14.1785, 18.3159, 18.9284



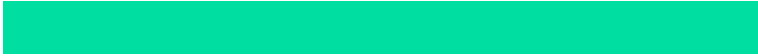
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.8222, 55.3508, 42.6730



44.4216, 74.9846, 57.5314



28.5902, 35.8682, 75.2310



13.9455, 15.5039, 16.7482



19.3479, 32.5640, 25.3530



1.3785, 2.2721, 1.9543

Inverse Universe

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



31.3031, 16.0372, 6.0070



42.3743, 21.7137, 7.9032



31.5035, 17.8302, 1.7819



13.8631, 13.7629, 15.0491



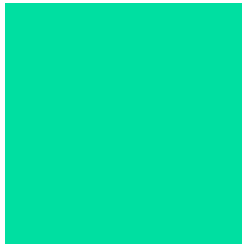
18.4460, 9.4454, 3.7484



1.3160, 0.6697, 0.4568

Previews

White Background



This preview shows how the XYZ color 32.8207, 55.3486, 42.6717 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 32.8207, 55.3486, 42.6717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

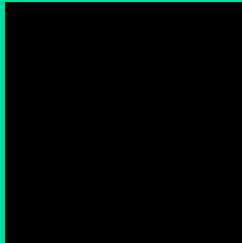
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8207, 55.3486, 42.6717

Background



This preview shows how black text looks on a background with the XYZ color 32.8207, 55.3486, 42.6717.



This preview shows how white text looks on a background with the XYZ color 32.8207, 55.3486,

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

32.8207, 55.3486, 42.6717

Protanopia

50.6495, 54.1316, 35.7959

Deuteranopia

55.3632, 54.0932, 45.0592



Tritanopia

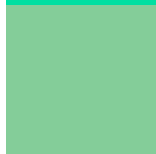
41.2180, 55.2791, 84.0988

Trichromacy



Original Color

32.8207, 55.3486, 42.6717



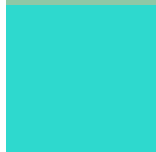
Protanomaly

37.0968, 50.8681, 38.0003



Deuteranomaly

38.6925, 49.8125, 43.6519



Tritanomaly

37.0801, 54.6628, 66.9892

Monochromacy



Original Color

32.8207, 55.3486, 42.6717



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

25.9944, 35.7835, 35.6738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8207, 55.3486, 42.6717 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, 223, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 161)  
}
```

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, 223, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 161) }
```

Border

The CSS property to change the border of an element to XYZ 32.8207, 55.3486, 42.6717 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, 223, 161) }
```


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

```
.border{ border-color:rgb(0, 223, 161) }
```

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

Here you see how a box with a 4 pixel rgb(0, 223, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8207, 55.3486, 42.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 161) }
```

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

```
.background{ background-color: rgb(0, 223,  
161) }
```

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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