

Converting Colors

XYZ(21.5192, 41.3067, 34.1359)

Have a look what the booklet for
XYZ(21.5192, 41.3067, 34.1359)
contains.

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Color

**XYZ(25.8426, 43.3839,
34.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	00C892
RGB	0, 200, 146
RGB Percent	0%, 78%, 57%
CMY	0.9999, 0.2157, 0.4274
CMYK	1.00, 0.00, 0.27, 0.22
HSL	164°, 100%, 39%
HSV	164°, 100%, 78%
XYZ	25.8426, 43.3839, 34.2060
YIQ	134.0440, -101.8660, -59.1940

Conversions

Conversions Part 2

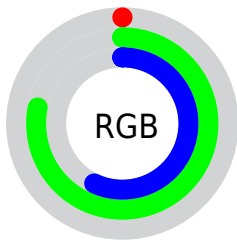
Format	Color
RYB	0, 116, 200
Decimal	51346
CIELab	71.81, -54.59, 15.44
CIELCh	72, 56.736, 164.203
Yxy	43.3839, 0.2498, 0.4194
Android (android.graphics.Color)	4278241426 (0xFF00C892)
YUV	134.0440, 5.8943, -117.5566
Hunter-Lab	65.8665, -45.2321, 15.3158

Details

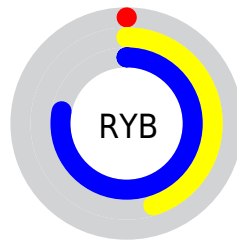
The XYZ color **25.8426, 43.3839, 34.2060** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.4870, 12.5469, 4.6242**, and the grayscale version is **22.6850, 23.8664, 25.9905**.

A 20% lighter version of the original color is **51.5522, 78.4568, 67.0702**, and **12.1910, 21.0770, 14.2522** is the 20% darker color. If you saturate the color by 10%, you get **25.8430, 43.3853, 34.2045**, and if you desaturate by 10%, it is **26.5627, 43.7065, 36.4861**.

Distribution



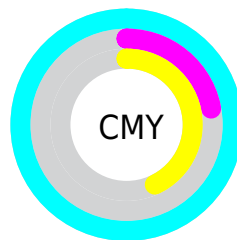
- Red (0%)
- Green (78%)
- Blue (57%)



- Red (0%)
- Yellow (45%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8426, 43.3839, 34.2060 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 25.8426, 43.3839, 34.2060 by changing the saturation by 10% instead.


 25.8426, 43.3839,
34.2060


 25.8426, 43.3839,
34.2060


274.2794,
360.1882, 335.8468


 16.8380, 30.1864,
22.7733


 52.4540, 80.2899,
67.3914

 10.2136, 19.9801,
14.2224


 70.7915, 104.7672,
89.9812


 5.6042, 12.3806,
8.1350


 92.9708, 133.7732,
117.1271

 2.6443, 7.0034,
4.0925

 119.3570,
167.6923, 149.2476

 0.9686, 3.4643,
1.6762

 150.3156,
206.9090, 186.7613

 0.0000, 1.3786,
0.3444

186.2120,

 0.0000, 0.2009,

251.8076, 230.0867

0.0000

227.4115,
302.7726, 279.6423

■ 0.0000, 0.0000,
0.0000

■ 25.8426, 43.3839,
34.2060

■ 25.8426, 43.3839,
34.2060

■ 25.8430, 43.3853,
34.2045

■ 26.5627, 43.7065,
36.4861

■ 27.6000, 44.1893,
38.8850

■ 29.0597, 44.8874,
41.4101

■ 30.9964, 45.8290,
44.0653

■ 33.4566, 47.0381,
46.8539

■ 36.4809, 48.5356,
49.7793

■ 40.1060, 50.3403,
52.8443

■ 44.3652, 52.4694,
56.0518

■ 49.2895, 54.9389,
59.4045

Harmonies

Analogous

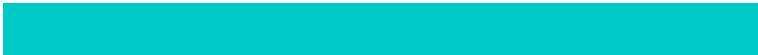
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.6111, 43.3839, 18.4797



25.8426, 43.3839, 34.2060



25.7450, 43.3839, 61.5023

Triad

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



25.8426, 43.3839, 34.2060



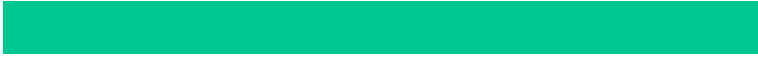
45.9541, 43.3839, 119.6849



56.0071, 43.3839, 19.0439

Complementary

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



25.8426, 43.3839, 34.2060



24.4870, 12.5469, 4.6242

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.



61.9493, 43.3839, 35.3692



25.8426, 43.3839, 34.2060



55.5611, 43.3839, 96.4487

Square

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



25.8426, 43.3839, 34.2060



36.3906, 43.3839, 118.9760



61.7744, 43.3839, 63.2188



46.4916, 43.3839, 12.3495

Rectangle

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



25.8426, 43.3839, 34.2060



27.7222, 43.3839, 83.8189



61.7744, 43.3839, 63.2188



58.5503, 43.3839, 23.2328

Sweetspot

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



25.8438, 43.3856, 34.2070



69.1356, 87.0044, 91.2498



22.3245, 42.1707, 6.9638



14.1997, 18.3244, 19.0401



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.



25.8438, 43.3856, 34.2070



44.6380, 75.0712, 58.6708



22.4279, 28.1743, 58.9017



10.8198, 12.0168, 13.0010



16.4704, 27.6005, 21.9532



0.8090, 1.3185, 1.1927

Inverse Universe

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



24.4870, 12.5469, 4.6242



42.3098, 21.6879, 7.5634



24.6971, 14.0333, 1.4077



10.7496, 10.6832, 11.6644



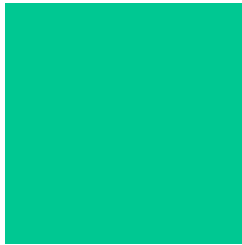
15.6012, 7.9900, 3.1097



0.7699, 0.3908, 0.3117

Previews

White Background



This preview shows how the XYZ color 25.8426, 43.3839, 34.2060 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 25.8426, 43.3839, 34.2060 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 25.8426, 43.3839, 34.2060

Background



This preview shows how black text looks on a background with the XYZ color 25.8426, 43.3839, 34.2060.



This preview shows how white text looks on a background with the XYZ color 25.8426, 43.3839,

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

25.8426, 43.3839, 34.2060

Protanopia

39.6888, 42.4324, 28.6527

Deuteranopia

43.3056, 42.4473, 36.0477



Tritanopia

32.4148, 43.3772, 66.3387

Trichromacy



Original Color

25.8426, 43.3839, 34.2060



Protanomaly

28.9921, 39.5535, 30.1513



Deuteranomaly

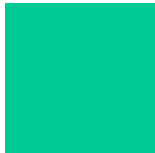
30.5787, 39.3566, 34.8391



Tritanomaly

29.1865, 43.0044, 52.6613

Monochromacy



Original Color

25.8426, 43.3839, 34.2060



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.5606, 28.2200, 28.4081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8426, 43.3839, 34.2060 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, 200, 146)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 146)  
}
```

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, 200, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.8426, 43.3839, 34.2060 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, 200, 146) }
```


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

```
.border{ border-color:rgb(0, 200, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 146);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8426, 43.3839, 34.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 146) }
```

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

```
.background{ background-color: rgb(0, 200,  
146) }
```

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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