

Converting Colors

XYZ(18.3329, 37.8258, 26.0276)

Have a look what the booklet for
XYZ(18.3329, 37.8258, 26.0276)
contains.

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Color

**XYZ(23.2810, 40.5366,
26.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	00C37E
RGB	0, 195, 126
RGB Percent	0%, 76%, 49%
CMY	0.9999, 0.2353, 0.5059
CMYK	1.00, 0.00, 0.35, 0.24
HSL	159°, 100%, 38%
HSV	159°, 100%, 76%
XYZ	23.2810, 40.5366, 26.3360
YIQ	128.8290, -94.0710, -62.7990

Conversions

Conversions Part 2

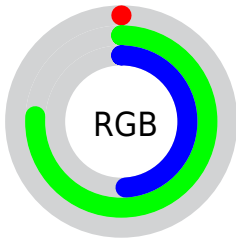
Format	Color
RYB	0, 118, 195
Decimal	50046
CIELab	69.85, -57.20, 23.41
CIELCh	70, 61.805, 157.747
Yxy	40.5366, 0.2582, 0.4496
Android (android.graphics.Color)	4278240126 (0xFF00C37E)
YUV	128.8290, -1.3947, -112.9830
Hunter-Lab	63.6684, -46.1492, 20.0429

Details

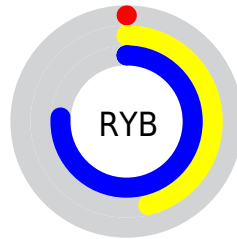
The XYZ color **23.2810, 40.5366, 26.3360** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.5813, 12.0327, 6.7123**, and the grayscale version is **20.8367, 21.9218, 23.8729**.

A 20% lighter version of the original color is **48.4076, 76.1579, 54.7964**, and **10.6826, 19.2780, 9.9955** is the 20% darker color. If you saturate the color by 10%, you get **23.2816, 40.5380, 26.3353**, and if you desaturate by 10%, it is **24.0215, 40.8662, 28.7770**.

Distribution



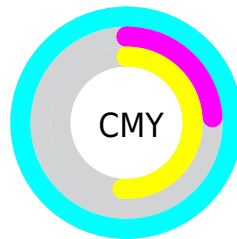
- Red (0%)
- Green (76%)
- Blue (49%)



- Red (0%)
- Yellow (46%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.2810, 40.5366, 26.3360 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 23.2810, 40.5366, 26.3360 by changing the saturation by 10% instead.


 23.2810, 40.5366,
26.3360


 23.2810, 40.5366,
26.3360


261.6735,
348.3801, 298.0854


 14.9230, 27.9572,
16.8472


 48.3176, 75.9799,
54.8072


 8.8513, 18.2934,
9.9648


 65.7269, 99.6126,
74.6267


 4.7007, 11.1608,
5.2703


 86.8839, 127.6985,
98.7268

 2.1057, 6.1751,
2.3452

 112.1541,
160.6221, 127.5260

 0.6923, 2.9519,
0.7564

 141.9028,
198.7676, 161.4430

 0.0000, 1.1066,
0.0000

176.4954,

 0.0000, 0.0000,

242.5195, 200.8961

0.0000

216.2971,
292.2622, 246.3041

■ 23.2810, 40.5366,
26.3360

■ 23.2810, 40.5366,
26.3360

■ 23.2816, 40.5380,
26.3353

■ 24.0215, 40.8662,
28.7770

■ 25.0722, 41.3510,
31.3951

■ 26.5341, 42.0441,
34.1989

■ 28.4588, 42.9720,
37.1939

■ 30.8902, 44.1573,
40.3850

■ 33.8667, 45.6198,
43.7767

■ 37.4231, 47.3772,
47.3735

■ 41.5911, 49.4460,
51.1794

■ 46.4000, 51.8411,
55.1986

Harmonies

Analogous

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



27.8777, 40.5366, 13.2650



23.2810, 40.5366, 26.3360



22.3909, 40.5366, 52.0178

Triad

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



23.2810, 40.5366, 26.3360



41.1902, 40.5366, 124.7144



55.8987, 40.5366, 18.2054

Complementary

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



23.2810, 40.5366, 26.3360



23.5813, 12.0327, 6.7123

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.



60.9984, 40.5366, 37.0961



23.2810, 40.5366, 26.3360



51.5966, 40.5366, 103.8785

Square

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



23.2810, 40.5366, 26.3360



31.6706, 40.5366, 117.6312



59.3006, 40.5366, 68.5605



46.3118, 40.5366, 10.1942

Rectangle

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



23.2810, 40.5366, 26.3360



23.8444, 40.5366, 75.2065



59.3006, 40.5366, 68.5605



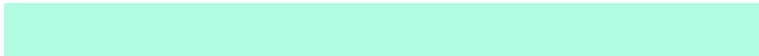
58.2642, 40.5366, 23.0764

Sweetspot

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



23.2821, 40.5382, 26.3369



66.6979, 84.6892, 84.5309



22.1520, 40.3907, 6.6290



13.9825, 18.2376, 17.8966



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.



23.2821, 40.5382, 26.3369



41.5731, 72.5523, 46.5173



24.0397, 32.3181, 56.6027



10.2123, 11.3660, 12.1212



15.1724, 26.3630, 17.3326



0.6873, 1.1518, 0.9161

Inverse Universe

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



23.5813, 12.0327, 6.7123



42.1253, 21.5065, 11.4560



22.8763, 12.3419, 1.1769



10.2171, 10.1355, 11.2339



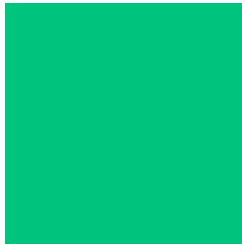
15.3623, 7.8347, 4.5538



0.6967, 0.3517, 0.3704

Previews

White Background



This preview shows how the XYZ color 23.2810, 40.5366, 26.3360 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 23.2810, 40.5366, 26.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

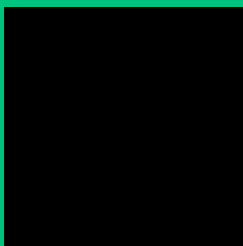
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

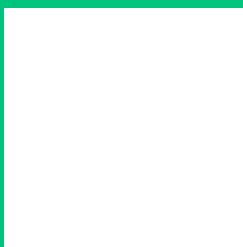
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2810, 40.5366, 26.3360

Background



This preview shows how black text looks on a background with the XYZ color 23.2810, 40.5366, 26.3360.

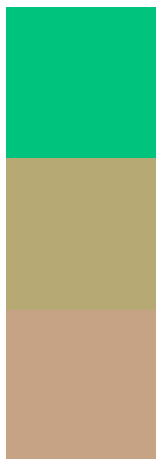


This preview shows how white text looks on a background with the XYZ color 23.2810, 40.5366,

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

23.2810, 40.5366, 26.3360

Protanopia

36.8109, 39.6810, 21.9387

Deuteranopia

40.6195, 39.8936, 27.7497



Tritanopia

30.5558, 40.6001, 61.4845

Trichromacy



Original Color

23.2810, 40.5366, 26.3360



Protanomaly

26.4526, 36.8857, 23.1782



Deuteranomaly

27.9634, 36.7073, 26.7305



Tritanomaly

26.8763, 39.9867, 46.3461

Monochromacy



Original Color

23.2810, 40.5366, 26.3360



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

18.7672, 26.1348, 24.4775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2810, 40.5366, 26.3360 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, 195, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 126)  
}
```

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, 195, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.2810, 40.5366, 26.3360 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, 195, 126) }
```


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

```
.border{ border-color:rgb(0, 195, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2810, 40.5366, 26.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 126) }
```

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

```
.background{ background-color: rgb(0, 195,  
126) }
```

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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