

Converting Colors

XYZ(25.2579, 39.9997, 40.8388)

Have a look what the booklet for
XYZ(25.2579, 39.9997, 40.8388)
contains.

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Color

**XYZ(25.2417, 39.9059,
41.0226)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFA3
RGB	0, 191, 163
RGB Percent	0%, 75%, 64%
CMY	0.9999, 0.2510, 0.3608
CMYK	1.00, 0.00, 0.15, 0.25
HSL	171°, 100%, 37%
HSV	171°, 100%, 75%
XYZ	25.2417, 39.9059, 41.0226
YIQ	130.6990, -104.8480, -49.2000

Conversions

Conversions Part 2

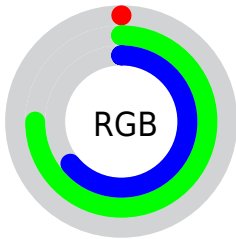
Format	Color
RYB	0, 103, 191
Decimal	49059
CIELab	69.40, -46.73, 2.80
CIELCh	69, 46.809, 176.576
Yxy	39.9059, 0.2377, 0.3759
Android (android.graphics.Color)	4278239139 (0xFF00BFA3)
YUV	130.6990, 15.9244, -114.6230
Hunter-Lab	63.1711, -39.2250, 5.7175

Details

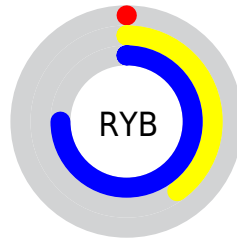
The XYZ color **25.2417, 39.9059, 41.0226** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **21.6969, 11.1615, 2.1116**, and the grayscale version is **21.4420, 22.5586, 24.5663**.

A 20% lighter version of the original color is **51.4778, 74.9061, 78.0748**, and **11.6734, 18.7560, 18.0439** is the 20% darker color. If you saturate the color by 10%, you get **25.2420, 39.9070, 41.0212**, and if you desaturate by 10%, it is **25.7674, 40.1485, 42.3727**.

Distribution



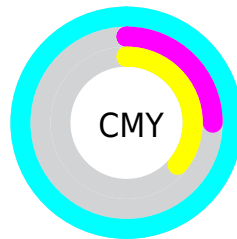
- Red (0%)
- Green (75%)
- Blue (64%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)




- Cyan (100%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2417, 39.9059, 41.0226 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 25.2417, 39.9059, 41.0226 by changing the saturation by 10% instead.


 25.2417, 39.9059,
41.0226


 25.2417, 39.9059,
41.0226


271.3650,
345.7268, 366.0945


 16.3869, 27.4652,
28.0169


 51.4891, 75.0202,
77.9722


 9.8909, 17.9229,
18.0993


 69.6125, 98.4626,
102.7533


 5.3884, 10.8946,
10.8511


 91.5561, 126.3410,
132.2965

 2.5140, 5.9960,
5.8539

 117.6853,
159.0397, 167.0205

 0.9023, 2.8427,
2.6891

 148.3654,
196.9433, 207.3437

 0.0000, 1.0502,
0.9379

183.9618,

 0.0000, 0.0000,

240.4361, 253.6848

0.0000

224.8399,
289.9025, 306.4622

■ 25.2417, 39.9059,
41.0226

■ 25.2417, 39.9059,
41.0226

■ 25.2420, 39.9070,
41.0212

■ 25.7674, 40.1485,
42.3727

■ 26.5636, 40.5290,
43.7638

■ 27.7271, 41.0982,
45.2014

■ 29.3065, 41.8812,
46.6880

■ 31.3428, 42.8990,
48.2258

■ 33.8722, 44.1704,
49.8166

■ 36.9272, 45.7120,
51.4620

■ 40.5373, 47.5392,
53.1637

■ 44.7302, 49.6661,
54.9231

Harmonies

Analogous

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



27.0894, 39.9059, 24.3887



25.2417, 39.9059, 41.0226



26.4048, 39.9059, 64.7517

Triad

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



25.2417, 39.9059, 41.0226



44.7780, 39.9059, 92.0465



46.4707, 39.9059, 17.2299

Complementary

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



25.2417, 39.9059, 41.0226



21.6969, 11.1615, 2.1116

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.



52.3972, 39.9059, 27.4233



25.2417, 39.9059, 41.0226



51.3327, 39.9059, 70.5067

Square

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



25.2417, 39.9059, 41.0226



37.0718, 39.9059, 99.3305



54.2837, 39.9059, 45.9729



38.8001, 39.9059, 13.8238

Rectangle

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



25.2417, 39.9059, 41.0226



28.8274, 39.9059, 81.0310



54.2837, 39.9059, 45.9729



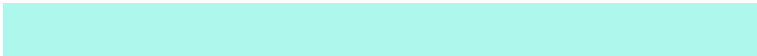
48.7701, 39.9059, 19.7683

Sweetspot

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



25.2428, 39.9074, 41.0235



65.8422, 81.7200, 92.0183



19.1293, 37.5194, 6.2347



13.9240, 17.6751, 19.9279



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.2428, 39.9074, 41.0235



45.1360, 71.4431, 73.0928



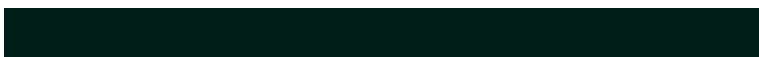
16.6329, 18.2183, 51.9316



9.7468, 10.7848, 11.9161



16.6113, 26.2348, 27.0798



0.6673, 1.0343, 1.1484

Inverse Universe

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



21.6969, 11.1615, 2.1116



38.8039, 19.9669, 3.4994



23.4864, 15.0760, 1.6731



9.5856, 9.5586, 10.2070



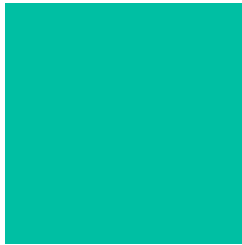
14.2767, 7.3418, 1.4848



0.5777, 0.2950, 0.1553

Previews

White Background



This preview shows how the XYZ color 25.2417, 39.9059, 41.0226 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 25.2417, 39.9059, 41.0226 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

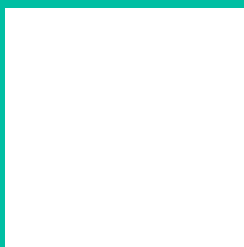
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2417, 39.9059, 41.0226

Background



This preview shows how black text looks on a background with the XYZ color 25.2417, 39.9059, 41.0226.

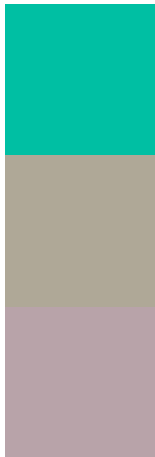


This preview shows how white text looks on a background with the XYZ color 25.2417, 39.9059,

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

25.2417, 39.9059, 41.0226

Protanopia

37.2677, 39.3536, 34.9099

Deuteranopia

40.0258, 39.2493, 43.0024



Tritanopia

29.5697, 40.0917, 61.4383

Trichromacy



Original Color

25.2417, 39.9059, 41.0226



Protanomaly

27.9973, 36.7967, 36.6372



Deuteranomaly

29.2547, 36.4591, 42.0546



Tritanomaly

27.6125, 39.8944, 53.2588

Monochromacy



Original Color

25.2417, 39.9059, 41.0226



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

19.9164, 26.6046, 30.0721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2417, 39.9059, 41.0226 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, 191, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 163)  
}
```

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, 191, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 163) }
```

Border

The CSS property to change the border of an element to XYZ 25.2417, 39.9059, 41.0226 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, 191, 163) }
```


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

```
.border{ border-color:rgb(0, 191, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2417, 39.9059, 41.0226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 163) }
```

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

```
.background{ background-color: rgb(0, 191,  
163) }
```

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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