

Converting Colors

XYZ(23.3063, 39.2191, 30.5619)

Have a look what the booklet for
XYZ(23.3063, 39.2191, 30.5619)
contains.

XYZ(23.2182, 39.0966, 30.3674)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.2182, 39.0966,
30.3674)**

Conversions

Conversions Part 1

Format	Color
Hex	00BF8A
RGB	0, 191, 138
RGB Percent	0%, 75%, 54%
CMY	0.9999, 0.2510, 0.4588
CMYK	1.00, 0.00, 0.28, 0.25
HSL	163°, 100%, 37%
HSV	163°, 100%, 75%
XYZ	23.2182, 39.0966, 30.3674
YIQ	127.8490, -96.8230, -56.9750

Conversions

Conversions Part 2

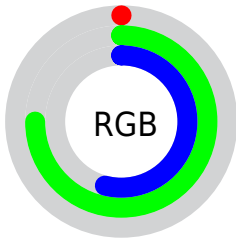
Format	Color
RYB	0, 111, 191
Decimal	49034
CIELab	68.82, -53.05, 15.57
CIELCh	69, 55.287, 163.640
Yxy	39.0966, 0.2505, 0.4218
Android (android.graphics.Color)	4278239114 (0xFF00BF8A)
YUV	127.8490, 5.0044, -112.1236
Hunter-Lab	62.5273, -43.1405, 14.9739

Details

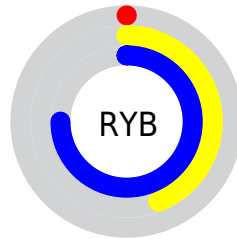
The XYZ color **23.2182, 39.0966, 30.3674** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **22.1298, 11.3343, 4.3914**, and the grayscale version is **20.4747, 21.5409, 23.4581**.

A 20% lighter version of the original color is **48.1188, 73.5372, 61.5272**, and **10.5656, 18.3129, 12.2104** is the 20% darker color. If you saturate the color by 10%, you get **23.2188, 39.0979, 30.3668**, and if you desaturate by 10%, it is **23.8832, 39.3950, 32.4520**.

Distribution



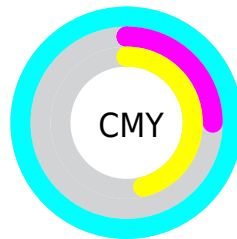
- Red (0%)
- Green (75%)
- Blue (54%)



- Red (0%)
- Yellow (44%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)





- Cyan (100%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.2182, 39.0966, 30.3674 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 23.2182, 39.0966, 30.3674 by changing the saturation by 10% instead.


 23.2182, 39.0966,
30.3674


 23.2182, 39.0966,
30.3674


261.3582,
342.3010, 317.8737


 14.8763, 26.8349,
19.8632


 48.2154, 73.7859,
61.3106


 8.8184, 17.4493,
12.1126


 65.6014, 96.9822,
82.5866


 4.6791, 10.5553,
6.6969


 86.7328, 124.5922,
108.2904

 2.0930, 5.7687,
3.1977

 111.9749,
157.0003, 138.8404

 0.6854, 2.7049,
1.1965

 141.6932,
194.5908, 174.6552

 0.0000, 0.9797,
0.0000

176.2529,

 0.0000, 0.0000,

237.7482, 216.1533

0.0000

216.0195,
286.8568, 263.7533

■ 23.2182, 39.0966,
30.3674

■ 23.2182, 39.0966,
30.3674

■ 23.2188, 39.0979,
30.3668

■ 23.8832, 39.3950,
32.4520

■ 24.8319, 39.8364,
34.6482

■ 26.1615, 40.4720,
36.9627

■ 27.9208, 41.3269,
39.3990

■ 30.1510, 42.4222,
41.9604

■ 32.8886, 43.7768,
44.6499

■ 36.1661, 45.4073,
47.4701

■ 40.0134, 47.3293,
50.4237

■ 44.4583, 49.5570,
53.5132

Harmonies

Analogous

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



26.6979, 39.0966, 16.3173



23.2182, 39.0966, 30.3674



23.0672, 39.0966, 55.0005

Triad

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



23.2182, 39.0966, 30.3674



41.2792, 39.0966, 108.8357



50.7438, 39.0966, 17.1872

Complementary

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



23.2182, 39.0966, 30.3674



22.1298, 11.3343, 4.3914

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.



56.0680, 39.0966, 32.1688



23.2182, 39.0966, 30.3674



50.0507, 39.0966, 87.9398

Square

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



23.2182, 39.0966, 30.3674



32.6112, 39.0966, 107.7307



55.7961, 39.0966, 57.6678



42.1136, 39.0966, 11.0166

Rectangle

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



23.2182, 39.0966, 30.3674



24.8181, 39.0966, 75.3081



55.7961, 39.0966, 57.6678



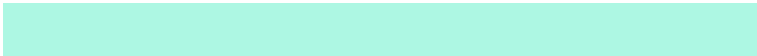
53.0360, 39.0966, 21.0339

Sweetspot

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



23.2193, 39.0981, 30.3683



64.4652, 81.1692, 84.7671



20.1598, 38.0509, 6.2824



13.5836, 17.5389, 18.1353



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.



23.2193, 39.0981, 30.3683



41.4751, 69.9787, 53.8143



20.2507, 25.4541, 53.1379



9.6926, 10.7631, 11.6305



15.2940, 25.7079, 20.1430



0.6255, 1.0176, 0.9280

Inverse Universe

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



22.1298, 11.3343, 4.3914



39.5444, 20.2631, 7.3991



22.2934, 12.6901, 1.2748



9.6361, 9.5787, 10.4725



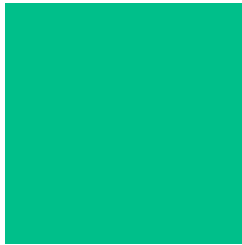
14.5725, 7.4602, 3.0424



0.5996, 0.3037, 0.2709

Previews

White Background



This preview shows how the XYZ color 23.2182, 39.0966, 30.3674 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 23.2182, 39.0966, 30.3674 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

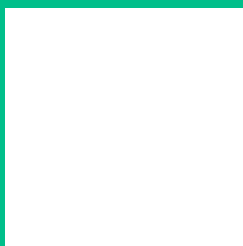
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2182, 39.0966, 30.3674

Background



This preview shows how black text looks on a background with the XYZ color 23.2182, 39.0966, 30.3674.



This preview shows how white text looks on a background with the XYZ color 23.2182, 39.0966,

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

23.2182, 39.0966, 30.3674

Protanopia

35.8271, 38.2697, 25.5772

Deuteranopia

39.1675, 38.2623, 32.1091



Tritanopia

29.1764, 39.0010, 59.4163

Trichromacy



Original Color

23.2182, 39.0966, 30.3674



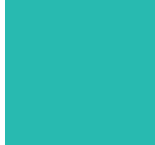
Protanomaly

26.2368, 35.8093, 27.0018



Deuteranomaly

27.4714, 35.2164, 30.9407



Tritanomaly

26.2705, 38.7035, 47.1602

Monochromacy



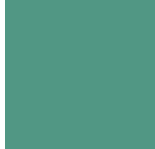
Original Color

23.2182, 39.0966, 30.3674



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

18.6248, 25.5485, 25.7795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2182, 39.0966, 30.3674 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.2182, 39.0966, 30.3674 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, 138) }
```


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

```
.border{ border-color:rgb(0, 191, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 191, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 191, 138); box-shadow:4px 4px 4px 4px rgb(0, 191, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2182, 39.0966, 30.3674 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, 138) }
```

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

```
.background{ background-color: rgb(0, 191,  
138) }
```

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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