

Converting Colors

XYZ(27.3276, 39.7100, 54.9397)

Have a look what the booklet for
XYZ(27.3276, 39.7100, 54.9397)
contains.

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Color

**XYZ(27.3276, 39.7100,
54.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	04BCBE
RGB	4, 188, 190
RGB Percent	2%, 74%, 75%
CMY	0.9842, 0.2627, 0.2549
CMYK	0.98, 0.01, 0.00, 0.25
HSL	181°, 96%, 38%
HSV	181°, 98%, 75%
XYZ	27.3276, 39.7100, 54.9397
YIQ	133.2120, -110.3060, -38.3860

Conversions

Conversions Part 2

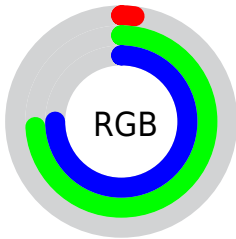
Format	Color
RYB	4, 96, 190
Decimal	310462
CIELab	69.26, -37.50, -12.22
CIELCh	69, 39.443, 198.046
Yxy	39.7100, 0.2240, 0.3256
Android (android.graphics.Color)	4278500542 (0xFF04BCBE)
YUV	133.2120, 27.9965, -113.3189
Hunter-Lab	63.0159, -32.8691, -7.5802

Details

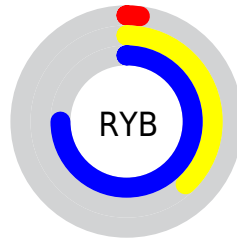
The XYZ color **27.3276, 39.7100, 54.9397** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.3232, 11.0873, 1.1323**, and the grayscale version is **22.3065, 23.4682, 25.5568**.

A 20% lighter version of the original color is **54.8805, 74.8422, 98.7423**, and **13.0405, 18.8563, 26.6192** is the 20% darker color. If you saturate the color by 10%, you get **27.2689, 39.6668, 54.9352**, and if you desaturate by 10%, it is **27.6762, 39.9554, 54.9694**.

Distribution



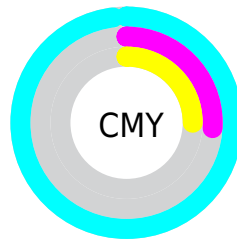
- Red (2%)
- Green (74%)
- Blue (75%)



- Red (2%)
- Yellow (38%)
- Blue (75%)



- Cyan (98%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3276, 39.7100, 54.9397 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 27.3276, 39.7100, 54.9397 by changing the saturation by 10% instead.

■ 27.3276, 39.7100,
54.9397

■ 27.3276, 39.7100,
54.9397

281.3785,
344.8997, 422.9588

■ 17.9573, 27.3125,
38.9552

■ 54.8253, 74.7217,
98.9229

■ 11.0188, 17.8081,
26.4173

■ 73.6834, 98.1047,
127.7586

■ 6.1469, 10.8123,
16.9075

■ 96.4348, 125.9184,
161.7151

■ 2.9761, 5.9407,
10.0073

■ 123.4448,
158.5470, 201.2110

■ 1.1411, 2.8091,
5.2981

■ 155.0788,
196.3751, 246.6648

■ 0.0591, 1.0329,
2.3615

191.7022,

■ 0.0000, 0.0000,

239.7870, 298.4950

0.7653

233.6803,
289.1671, 357.1201

■ 0.0000, 0.0000,
0.0000

■ 27.3276, 39.7100,
54.9397

■ 27.3276, 39.7100,
54.9397

■ 27.2689, 39.6668,
54.9352

■ 27.6762, 39.9554,
54.9694

■ 28.3222, 40.3533,
55.0122

■ 29.3364, 40.9411,
55.0722

■ 30.7650, 41.7427,
55.1516

■ 32.6473, 42.7782,
55.2523

■ 35.0181, 44.0656,
55.3758

■ 37.9086, 45.6211,
55.5237

■ 41.3478, 47.4595,
55.6973

■ 45.3622, 49.5946,
55.8978

Harmonies

Analogous

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



27.0590, 39.7100, 36.4219



27.3276, 39.7100, 54.9397



30.1879, 39.7100, 74.6281

Triad

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



27.3276, 39.7100, 54.9397



47.5211, 39.7100, 70.9279



40.3166, 39.7100, 17.3443

Complementary

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



27.3276, 39.7100, 54.9397



21.3232, 11.0873, 1.1323

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.



46.4643, 39.7100, 22.1759



27.3276, 39.7100, 54.9397



50.9239, 39.7100, 50.8543

Square

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



27.3276, 39.7100, 54.9397



41.6342, 39.7100, 85.4887



50.5169, 39.7100, 33.3274



34.1024, 39.7100, 17.8702

Rectangle

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



27.3276, 39.7100, 54.9397



33.3797, 39.7100, 84.2163



50.5169, 39.7100, 33.3274



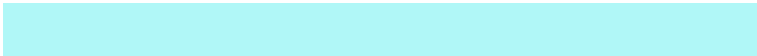
42.4712, 39.7100, 18.3245

Sweetspot

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



27.3288, 39.7115, 54.9407



67.7931, 82.1871, 100.5698



18.4865, 36.8624, 6.2569



14.3784, 17.7743, 22.0582



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.



27.3288, 39.7115, 54.9407



49.4018, 71.8554, 99.5449



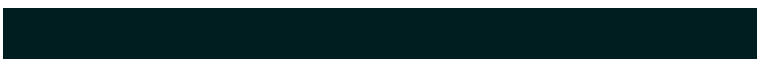
13.6217, 12.2972, 50.3716



9.7996, 10.7915, 12.2387



18.1360, 26.3838, 36.5296



0.7132, 1.0392, 1.4318

Inverse Universe

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



30.3568, 14.6660, 48.8094



54.9157, 26.4116, 88.3432



25.5344, 19.5095, 2.5360



9.9254, 9.6945, 11.9964



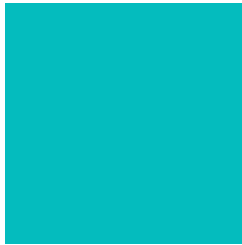
20.1550, 9.6932, 32.4394



0.7909, 0.3803, 1.2782

Previews

White Background



This preview shows how the XYZ color 27.3276, 39.7100, 54.9397 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 27.3276, 39.7100, 54.9397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

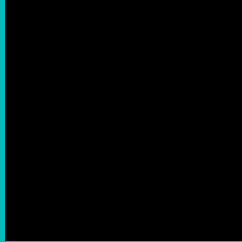
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

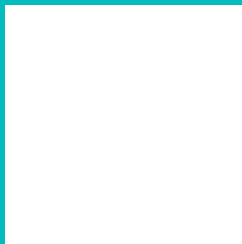
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3276, 39.7100, 54.9397

Background



This preview shows how black text looks on a background with the XYZ color 27.3276, 39.7100, 54.9397.



This preview shows how white text looks on a background with the XYZ color 27.3276, 39.7100,

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

27.3276, 39.7100, 54.9397

Protanopia

37.9030, 39.1366, 47.1514

Deuteranopia

39.9204, 39.1490, 57.0822



Tritanopia

28.6972, 39.6419, 61.3975

Trichromacy



Original Color

27.3276, 39.7100, 54.9397



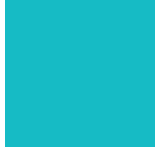
Protanomaly

29.9578, 37.2255, 49.8623



Deuteranomaly

30.9996, 37.0524, 55.9701



Tritanomaly

28.1792, 39.7424, 59.0092

Monochromacy



Original Color

27.3276, 39.7100, 54.9397



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

21.0617, 27.0940, 34.6914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3276, 39.7100, 54.9397 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(4, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(4, 188, 190)  
}
```

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(4, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 188, 190) }
```

Border

The CSS property to change the border of an element to XYZ 27.3276, 39.7100, 54.9397 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(4, 188, 190) }
```


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

```
.border{ border-color:rgb(4, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(4, 188,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3276, 39.7100, 54.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 188, 190) }
```

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

```
.background{ background-color: rgb(4, 188,  
190) }
```

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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