

Converting Colors

XYZ(39.9264, 56.5532, 82.9403)

Have a look what the booklet for
XYZ(39.9264, 56.5532, 82.9403)
contains.

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Color

**XYZ(39.9264, 56.5532,
82.9403)**

Conversions

Conversions Part 1

Format	Color
Hex	1BDBE5
RGB	27, 219, 229
RGB Percent	11%, 86%, 90%
CMY	0.8940, 0.1412, 0.1020
CMYK	0.88, 0.04, 0.00, 0.10
HSL	183°, 80%, 50%
HSV	183°, 88%, 90%
XYZ	39.9264, 56.5532, 82.9403
YIQ	162.7320, -117.6420, -37.5940

Conversions

Conversions Part 2

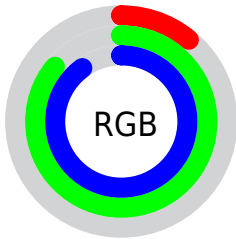
Format	Color
R _Y B	27, 125, 229
Decimal	1825765
CIE Lab	79.93, -39.02, -17.26
CIE LCh	80, 42.665, 203.867
Yxy	56.5532, 0.2225, 0.3152
Android (android.graphics.Color)	4280015845 (0xFF1BDBE5)
YUV	162.7320, 32.6701, -119.0370
Hunter-Lab	75.2019, -36.8335, -12.7498

Details

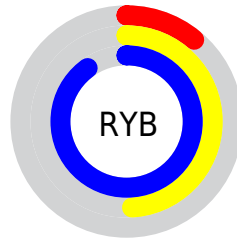
The XYZ color **39.9264, 56.5532, 82.9403** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **33.1742, 18.0624, 2.7766**, and the grayscale version is **34.5818, 36.3828, 39.6209**.

A 20% lighter version of the original color is **61.2812, 82.5916, 107.3196**, and **20.7372, 29.2504, 44.5973** is the 20% darker color. If you saturate the color by 10%, you get **39.2323, 55.7590, 82.8246**, and if you desaturate by 10%, it is **41.0841, 57.5917, 83.0808**.

Distribution



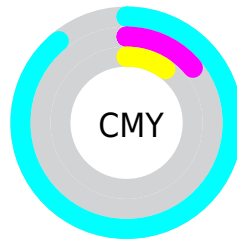
- Red (11%)
- Green (86%)
- Blue (90%)



- Red (11%)
- Yellow (49%)
- Blue (90%)



- Cyan (88%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)




- Cyan (89%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9264, 56.5532, 82.9403 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 39.9264, 56.5532, 82.9403 by changing the saturation by 10% instead.


 39.9264, 56.5532,
82.9403


 39.9264, 56.5532,
82.9403


336.9530,
411.7730, 524.7533


 27.6651, 40.6466,
61.6006


 74.3365, 99.8130,
139.3403


 18.2125, 28.0431,
44.2763


 97.2160, 127.9349,
175.2377


 11.2033, 18.3581,
30.5490


 124.3656,
160.8975, 216.8247

 6.2720, 11.2074,
20.0001

 156.1507,
199.0850, 264.5199

 3.0534, 6.2065,
12.2110

 192.9367,
242.8820, 318.7419

 1.1821, 2.9711,
6.7633

235.0888,

 0.0921, 1.1166,

292.6727, 379.9090

3.2383

282.9724,
348.8415, 448.4400

■ 0.0000, 0.0000,
1.2176

■ 0.0000, 0.0000,
0.0000

■ 39.9264, 56.5532,
82.9403

■ 39.9264, 56.5532,
82.9403

■ 39.2323, 55.7590,
82.8246

■ 41.0841, 57.5917,
83.0808

■ 39.1277, 55.6265,
82.8046

■ 42.8057, 58.9228,
83.2470

■ 45.1673, 60.5868,
83.4437

■ 48.2317, 62.6161,
83.6739

■ 52.0543, 65.0394,
83.9401

■ 56.6852, 67.8823,
84.2448

■ 62.1698, 71.1683,
84.5900

■ 68.5503, 74.9193,
84.9777

■ 75.8663, 79.1555,
85.4098

Harmonies

Analogous

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



38.8474, 56.5532, 56.6244



39.9264, 56.5532, 82.9403



44.5254, 56.5532, 108.6394

Triad

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



39.9264, 56.5532, 82.9403



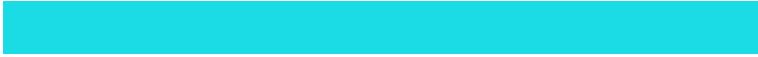
68.3418, 56.5532, 94.1675



55.5496, 56.5532, 25.3096

Complementary

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



39.9264, 56.5532, 82.9403



33.1742, 18.0624, 2.7766

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.



64.1728, 56.5532, 30.5513



39.9264, 56.5532, 82.9403



72.0515, 56.5532, 66.8099

Square

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



39.9264, 56.5532, 82.9403



60.7695, 56.5532, 116.2442



70.4495, 56.5532, 44.2382



47.2969, 56.5532, 27.4702

Rectangle

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



39.9264, 56.5532, 82.9403



49.2598, 56.5532, 119.6342



70.4495, 56.5532, 44.2382



58.5096, 56.5532, 26.2067

Sweetspot

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



39.9282, 56.5553, 82.9417



73.6838, 87.4442, 107.6026



28.7578, 56.3870, 10.8635



15.2882, 18.4241, 23.0004



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.



39.9282, 56.5553, 82.9417



49.9143, 70.9486, 105.6714



21.4676, 19.6342, 76.7882



14.7431, 16.2076, 18.4957



22.3979, 31.8579, 47.3519



1.6740, 2.3920, 3.5054

Inverse Universe

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



45.4928, 22.5581, 68.9764



57.3236, 27.6935, 86.6253



41.1406, 33.9952, 5.4321



14.9627, 14.6023, 18.0038



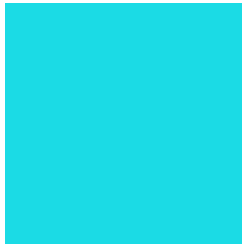
25.6989, 12.4138, 38.9052



1.9086, 0.9212, 2.9252

Previews

White Background



This preview shows how the XYZ color 39.9264, 56.5532, 82.9403 looks on a white background.

Color Contrast Check

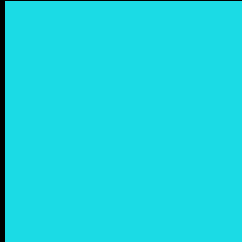
Large Text (above 18pt) WCAG AA × Fail

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 39.9264, 56.5532, 82.9403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

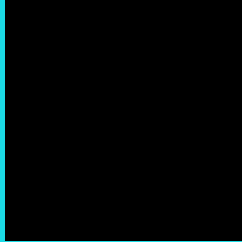
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

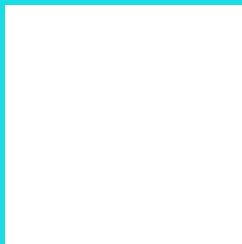
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9264, 56.5532, 82.9403

Background



This preview shows how black text looks on a background with the XYZ color 39.9264, 56.5532, 82.9403.



This preview shows how white text looks on a background with the XYZ color 39.9264, 56.5532,

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

39.9264, 56.5532, 82.9403

Protanopia

54.1584, 55.4874, 71.4740

Deuteranopia

56.8710, 55.5677, 86.3255



Tritanopia

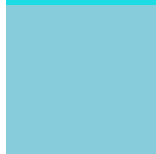
40.9747, 56.5923, 88.1207

Trichromacy



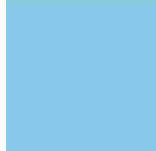
Original Color

39.9264, 56.5532, 82.9403



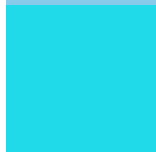
Protanomaly

44.2106, 53.3685, 74.9888



Deuteranomaly

45.8202, 53.2751, 84.9589



Tritanomaly

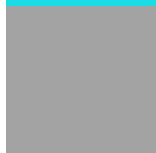
40.4066, 56.3493, 85.8377

Monochromacy



Original Color

39.9264, 56.5532, 82.9403



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.8426, 41.0322, 53.2027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9264, 56.5532, 82.9403 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(27, 219, 229)` looks like.

```
.text, #text, p{  
    color:rgb(27, 219, 229)  
}
```

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(27, 219, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 219, 229) }
```

Border

The CSS property to change the border of an element to XYZ 39.9264, 56.5532, 82.9403 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(27, 219, 229) }
```


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

```
.border{ border-color:rgb(27, 219, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 219, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 219, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 219, 229);  
box-shadow:4px 4px 4px 4px rgb(27, 219,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9264, 56.5532, 82.9403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 219, 229) }
```

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

```
.background{ background-color: rgb(27, 219,  
229) }
```

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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