

Converting Colors

XYZ(26.7067, 38.5446, 61.6766)

Have a look what the booklet for
XYZ(26.7067, 38.5446, 61.6766)
contains.

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Color

**XYZ(28.2196, 39.3821,
61.9913)**

Conversions

Conversions Part 1

Format	Color
Hex	00BACA
RGB	0, 186, 202
RGB Percent	0%, 73%, 79%
CMY	0.9998, 0.2706, 0.2078
CMYK	1.00, 0.08, 0.00, 0.21
HSL	185°, 100%, 40%
HSV	185°, 100%, 79%
XYZ	28.2196, 39.3821, 61.9913
YIQ	132.2100, -115.9920, -34.4560

Conversions

Conversions Part 2

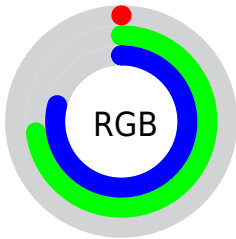
Format	Color
RYB	0, 97, 202
Decimal	47818
CIELab	69.03, -32.94, -19.16
CIELCh	69, 38.106, 210.193
Yxy	39.3821, 0.2178, 0.3039
Android (android.graphics.Color)	4278237898 (0xFF00BACA)
YUV	132.2100, 34.4065, -115.9482
Hunter-Lab	62.7552, -29.5540, -14.6397

Details

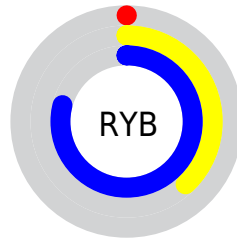
The XYZ color **28.2196, 39.3821, 61.9913** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **24.5437, 12.9287, 1.2032**, and the grayscale version is **21.9230, 23.0648, 25.1175**.

A 20% lighter version of the original color is **55.6941, 74.2047, 105.9953**, and **13.5966, 18.6406, 30.8984** is the 20% darker color. If you saturate the color by 10%, you get **28.2195, 39.3817, 61.9920**, and if you desaturate by 10%, it is **28.8528, 40.2126, 62.1190**.

Distribution



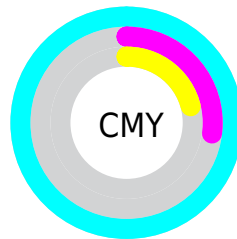
- Red (0%)
- Green (73%)
- Blue (79%)



- Red (0%)
- Yellow (38%)
- Blue (79%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2196, 39.3821, 61.9913 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 28.2196, 39.3821, 61.9913 by changing the saturation by 10% instead.

■ 28.2196, 39.3821,
61.9913

■ 28.2196, 39.3821,
61.9913

285.5758,
343.5123, 449.9061

■ 18.6326, 27.0571,
44.5899

■ 56.2410, 74.2217,
109.2844

■ 11.5075, 17.6161,
30.7940

■ 75.4062, 97.5050,
140.0133

■ 6.4791, 10.6747,
20.1849

■ 98.4947, 125.2100,
176.0217

■ 3.1819, 5.8486,
12.3441

■ 125.8720,
157.7209, 217.7282

■ 1.2507, 2.7532,
6.8531

■ 157.9034,
195.4222, 265.5513

■ 0.1458, 1.0043,
3.2933

194.9543,

■ 0.0000, 0.0000,

238.6983, 319.9097

1.2463

237.3900,
287.9335, 381.2218

■ 0.0000, 0.0000,
0.0172

■ 0.0000, 0.0000,
0.0000

■ 28.2196, 39.3821,
61.9913

■ 28.2196, 39.3821,
61.9913

■ 28.2195, 39.3817,
61.9920

■ 28.8528, 40.2126,
62.1190

■ 29.7947, 41.2071,
62.2613

■ 31.1515, 42.4211,
62.4241

■ 32.9794, 43.8836,
62.6101

■ 35.3255, 45.6190,
62.8214

■ 38.2314, 47.6486,
63.0600

■ 41.7342, 49.9916,
63.3276

■ 45.8680, 52.6657,
63.6259

■ 50.6644, 55.6871,
63.9563

Harmonies

Analogous

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



26.9278, 39.3821, 42.9933



28.2196, 39.3821, 61.9913



31.9226, 39.3821, 78.9311

Triad

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



28.2196, 39.3821, 61.9913



48.5041, 39.3821, 61.7418



37.3921, 39.3821, 17.3810

Complementary

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



28.2196, 39.3821, 61.9913



24.5437, 12.9287, 1.2032

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.



43.5403, 39.3821, 19.9180



28.2196, 39.3821, 61.9913



50.3631, 39.3821, 42.7677

Square

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



28.2196, 39.3821, 61.9913



43.6158, 39.3821, 78.7618



48.4572, 39.3821, 28.1663



31.8613, 39.3821, 19.9857

Rectangle

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



28.2196, 39.3821, 61.9913



35.4779, 39.3821, 84.9901



48.4572, 39.3821, 28.1663



39.4556, 39.3821, 17.6498

Sweetspot

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



28.2208, 39.3835, 61.9923



70.3821, 84.4584, 107.2003



21.1974, 42.2723, 7.4404



14.4990, 17.7025, 22.9027



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.



28.2208, 39.3835, 61.9923



47.7009, 66.5217, 104.9336



14.1151, 11.1721, 57.2904



11.4643, 12.5690, 14.3922



18.1891, 25.4021, 39.9007



0.9614, 1.3566, 2.0661

Inverse Universe

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



33.2212, 16.1030, 47.8131



56.2064, 27.2466, 80.7419



30.4302, 24.7017, 3.1654



11.6477, 11.3878, 13.9455



21.3919, 10.3673, 30.8461



1.1152, 0.5395, 1.6526

Previews

White Background



This preview shows how the XYZ color 28.2196, 39.3821, 61.9913 looks on a white background.

Color Contrast Check

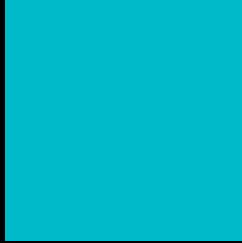
Large Text (above 18pt) WCAG AA × Fail

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 28.2196, 39.3821, 61.9913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

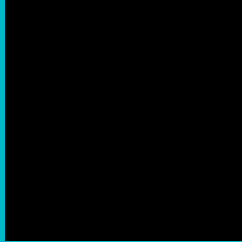
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

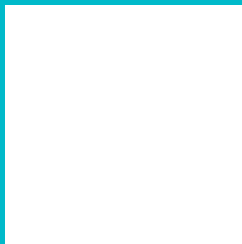
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2196, 39.3821, 61.9913

Background



This preview shows how black text looks on a background with the XYZ color 28.2196, 39.3821, 61.9913.

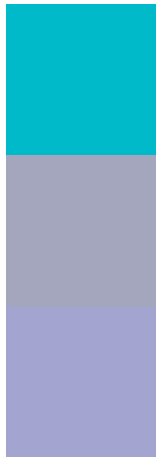


This preview shows how white text looks on a background with the XYZ color 28.2196, 39.3821,

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

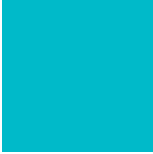
28.2196, 39.3821, 61.9913

Protanopia

38.1314, 38.8391, 53.6311

Deuteranopia

39.6422, 38.8424, 64.4395



Tritanopia

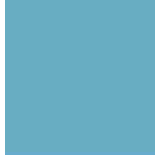
28.1015, 39.3349, 61.3696

Trichromacy



Original Color

28.2196, 39.3821, 61.9913



Protanomaly

30.3901, 36.7252, 56.5259



Deuteranomaly

31.4809, 36.8559, 63.2123



Tritanomaly

28.1015, 39.3349, 61.3696

Monochromacy



Original Color

28.2196, 39.3821, 61.9913



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

20.9702, 26.7756, 35.9613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2196, 39.3821, 61.9913 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, 186, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 202)  
}
```

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, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 202) }
```

Border

The CSS property to change the border of an element to XYZ 28.2196, 39.3821, 61.9913 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, 186, 202) }
```


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

```
.border{ border-color:rgb(0, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2196, 39.3821, 61.9913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 202) }
```

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

```
.background{ background-color: rgb(0, 186,  
202) }
```

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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