

Converting Colors

XYZ(26.9795, 39.4791, 53.6332)

Have a look what the booklet for
XYZ(26.9795, 39.4791, 53.6332)
contains.

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Color

**XYZ(27.0603, 39.5973,
53.7938)**

Conversions

Conversions Part 1

Format	Color
Hex	00BCBC
RGB	0, 188, 188
RGB Percent	0%, 74%, 74%
CMY	0.9999, 0.2627, 0.2627
CMYK	1.00, 0.00, 0.00, 0.26
HSL	180°, 100%, 37%
HSV	180°, 100%, 74%
XYZ	27.0603, 39.5973, 53.7938
YIQ	131.7880, -112.0480, -39.8560

Conversions

Conversions Part 2

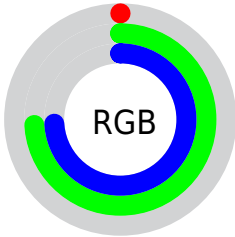
Format	Color
RYB	0, 94, 188
Decimal	48316
CIELab	69.18, -38.23, -11.24
CIELCh	69, 39.853, 196.386
Yxy	39.5973, 0.2247, 0.3287
Android (android.graphics.Color)	4278238396 (0xFF00BCBC)
YUV	131.7880, 27.7125, -115.5781
Hunter-Lab	62.9264, -33.3606, -6.6367

Details

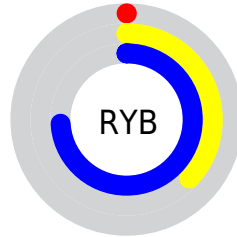
The XYZ color **27.0603, 39.5973, 53.7938** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.7403, 10.6926, 0.9718**, and the grayscale version is **21.7923, 22.9272, 24.9677**.

A 20% lighter version of the original color is **54.4610, 74.6612, 97.1286**, and **12.8983, 18.7995, 25.8705** is the 20% darker color. If you saturate the color by 10%, you get **27.0611, 39.5985, 53.7947**, and if you desaturate by 10%, it is **27.3264, 39.7353, 53.8072**.

Distribution



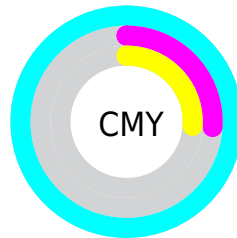
- Red (0%)
- Green (74%)
- Blue (74%)



- Red (0%)
- Yellow (37%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)





- Cyan (100%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0603, 39.5973, 53.7938 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 27.0603, 39.5973, 53.7938 by changing the saturation by 10% instead.


 27.0603, 39.5973,
53.7938


 27.0603, 39.5973,
53.7938


280.1112,
344.4233, 418.4756


 17.7553, 27.2247,
38.0448


 54.3998, 74.5499,
97.2248


 10.8731, 17.7421,
25.7153


 73.1651, 97.8987,
125.7438


 6.0482, 10.7650,
16.3870


 95.8145, 125.6750,
159.3566

 2.9154, 5.9090,
9.6411

 122.7134,
158.2633, 198.4816

 1.1092, 2.7898,
5.0592

 154.2272,
196.0478, 243.5375

 0.0328, 1.0230,
2.2227

190.7212,

 0.0000, 0.0000,

239.4131, 294.9428

0.6874

232.5607,
288.7435, 353.1160

■ 0.0000, 0.0000,
0.0000

■ 27.0603, 39.5973,
53.7938

■ 27.0603, 39.5973,
53.7938

■ 27.0611, 39.5985,
53.7947

■ 27.3264, 39.7353,
53.8072

■ 27.8470, 40.0037,
53.8317

■ 28.7164, 40.4519,
53.8725

■ 29.9813, 41.1039,
53.9317

■ 31.6809, 41.9802,
54.0114

■ 33.8502, 43.0984,
54.1130

■ 36.5202, 44.4749,
54.2380

■ 39.7194, 46.1241,
54.3878

■ 43.4743, 48.0599,
54.5636

Harmonies

Analogous

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



26.9373, 39.5973, 35.3698



27.0603, 39.5973, 53.7938



29.7995, 39.5973, 73.8458

Triad

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



27.0603, 39.5973, 53.7938



47.2246, 39.5973, 72.1400



40.5950, 39.5973, 17.2080

Complementary

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



27.0603, 39.5973, 53.7938



20.7403, 10.6926, 0.9718

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.



46.7385, 39.5973, 22.3687



27.0603, 39.5973, 53.7938



50.8479, 39.5973, 51.9149

Square

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



27.0603, 39.5973, 53.7938



41.2004, 39.5973, 86.3147



50.6605, 39.5973, 33.9517



34.2834, 39.5973, 17.4473

Rectangle

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



27.0603, 39.5973, 53.7938



32.9373, 39.5973, 83.9332



50.6605, 39.5973, 33.9517



42.7617, 39.5973, 18.2884

Sweetspot

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



27.0615, 39.5988, 53.7948



65.9159, 80.4626, 98.2824



18.0237, 35.9882, 5.9975



13.7159, 17.0665, 21.1137



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.0615, 39.5988, 53.7948



49.0425, 71.7641, 97.4917



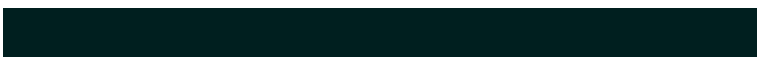
13.3665, 12.2086, 49.2306



9.8086, 10.8096, 12.2417



18.4240, 26.9599, 36.6251



0.7217, 1.0560, 1.4346

Inverse Universe

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



20.7403, 10.6926, 0.9718



37.5865, 19.3765, 1.7591



24.4713, 18.1545, 2.2154



9.5302, 9.5364, 9.9151



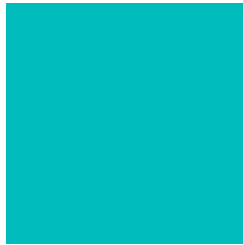
14.1202, 7.2792, 0.6609



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 27.0603, 39.5973, 53.7938 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 27.0603, 39.5973, 53.7938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

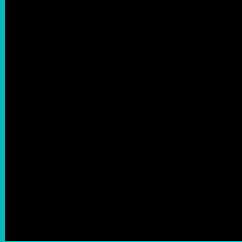
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

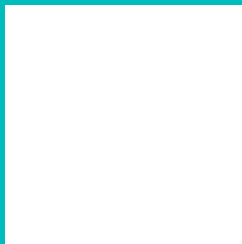
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0603, 39.5973, 53.7938

Background



This preview shows how black text looks on a background with the XYZ color 27.0603, 39.5973, 53.7938.



This preview shows how white text looks on a background with the XYZ color 27.0603, 39.5973,

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

27.0603, 39.5973, 53.7938

Protanopia

37.9188, 39.1676, 46.1190

Deuteranopia

39.9144, 39.1718, 55.9093



Tritanopia

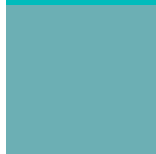
28.7612, 39.6749, 61.4005

Trichromacy



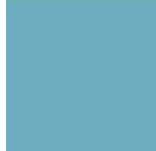
Original Color

27.0603, 39.5973, 53.7938



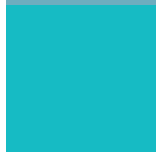
Protanomaly

29.7525, 37.1434, 48.7813



Deuteranomaly

30.6542, 36.8999, 54.7970



Tritanomaly

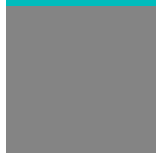
28.0650, 39.6967, 58.4076

Monochromacy



Original Color

27.0603, 39.5973, 53.7938



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

20.5519, 26.6083, 33.7585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0603, 39.5973, 53.7938 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, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 188)  
}
```

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, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 188) }
```

Border

The CSS property to change the border of an element to XYZ 27.0603, 39.5973, 53.7938 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, 188, 188) }
```


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

```
.border{ border-color:rgb(0, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0603, 39.5973, 53.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 188) }
```

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

```
.background{ background-color: rgb(0, 188,  
188) }
```

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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