

Converting Colors

XYZ(25.0589, 38.3811, 50.3398)

Have a look what the booklet for
XYZ(25.0589, 38.3811, 50.3398)
contains.

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Color

**XYZ(26.2138, 38.9180,
50.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	00BBB6
RGB	0, 187, 182
RGB Percent	0%, 73%, 71%
CMY	0.9999, 0.2667, 0.2863
CMYK	1.00, 0.00, 0.03, 0.27
HSL	178°, 100%, 37%
HSV	178°, 100%, 73%
XYZ	26.2138, 38.9180, 50.3863
YIQ	130.5170, -109.8470, -41.1990

Conversions

Conversions Part 2

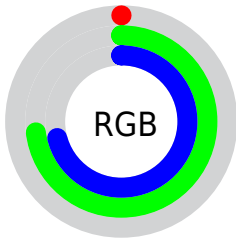
Format	Color
RYB	0, 95, 187
Decimal	48054
CIELab	68.69, -39.59, -8.68
CIELCh	69, 40.528, 192.361
Yxy	38.9180, 0.2269, 0.3369
Android (android.graphics.Color)	4278238134 (0xFF00BBB6)
YUV	130.5170, 25.3811, -114.4634
Hunter-Lab	62.3843, -34.1670, -4.2181

Details

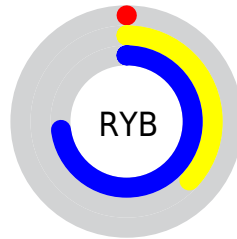
The XYZ color **26.2138, 38.9180, 50.3863** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **20.5221, 10.5769, 1.1046**, and the grayscale version is **21.3462, 22.4578, 24.4566**.

A 20% lighter version of the original color is **53.1501, 73.6411, 92.3018**, and **12.3500, 18.3600, 23.6618** is the 20% darker color. If you saturate the color by 10%, you get **26.2144, 38.9192, 50.3867**, and if you desaturate by 10%, it is **26.5298, 39.0757, 50.6723**.

Distribution



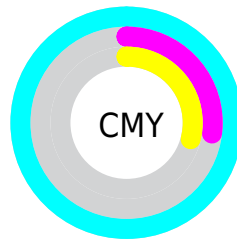
- Red (0%)
- Green (73%)
- Blue (71%)



- Red (0%)
- Yellow (37%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2138, 38.9180, 50.3863 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 26.2138, 38.9180, 50.3863 by changing the saturation by 10% instead.

■ 26.2138, 38.9180,
50.3863

■ 26.2138, 38.9180,
50.3863

276.0675,
341.5417, 404.9530

■ 17.1172, 26.6959,
35.3471

■ 53.0485, 73.5130,
92.1492

■ 10.4139, 17.3450,
23.6447

■ 71.5173, 96.6548,
119.7099

■ 5.7386, 10.4808,
14.8605

■ 93.8408, 124.2053,
152.2816

■ 2.7259, 5.7189,
8.5760

■ 120.3845,
156.5488, 190.2828

■ 1.0105, 2.6749,
4.3727

■ 151.5137,
194.0698, 234.1319

■ 0.0000, 0.9645,
1.8319

187.5936,

■ 0.0000, 0.0000,

237.1527, 284.2477

0.4489

228.9898,
286.1819, 341.0485

■ 0.0000, 0.0000,
0.0000

■ 26.2138, 38.9180,
50.3863

■ 26.2138, 38.9180,
50.3863

■ 26.2144, 38.9192,
50.3867

■ 26.5298, 39.0757,
50.6723

■ 27.0970, 39.3622,
50.9702

■ 28.0090, 39.8263,
51.2852

■ 29.3117, 40.4918,
51.6195

■ 31.0441, 41.3788,
51.9748

■ 33.2404, 42.5050,
52.3528

■ 35.9314, 43.8861,
52.7549

■ 39.1453, 45.5368,
53.1824

■ 42.9079, 47.4704,
53.6366

Harmonies

Analogous

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



26.4479, 38.9180, 32.5576



26.2138, 38.9180, 50.3863



28.6133, 38.9180, 70.8730

Triad

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



26.2138, 38.9180, 50.3863



45.9283, 38.9180, 74.1592



40.8505, 38.9180, 16.8597

Complementary

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



26.2138, 38.9180, 50.3863



20.5221, 10.5769, 1.1046

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.



46.8611, 38.9180, 22.7696



26.2138, 38.9180, 50.3863



50.0173, 38.9180, 53.9909

Square

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



26.2138, 38.9180, 50.3863



39.6910, 38.9180, 87.0299



50.3772, 38.9180, 35.2615



34.4151, 38.9180, 16.4090

Rectangle

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



26.2138, 38.9180, 50.3863



31.5645, 38.9180, 81.9485



50.3772, 38.9180, 35.2615



43.0050, 38.9180, 18.1731

Sweetspot

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



26.2150, 38.9195, 50.3872



64.0861, 78.4614, 94.4435



17.8495, 35.5823, 5.9283



13.6430, 17.0373, 20.7299



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.



26.2150, 38.9195, 50.3872



46.9335, 69.6959, 90.1607



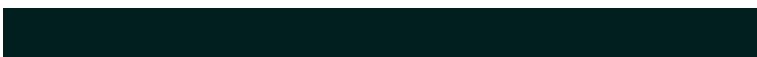
13.5037, 12.6549, 48.7461



9.7973, 10.8050, 12.1819



18.0659, 26.8166, 34.7395



0.7112, 1.0518, 1.3793

Inverse Universe

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



20.5221, 10.5769, 1.1046



36.7393, 18.9357, 1.9047



23.9258, 17.4281, 2.1040



9.5402, 9.5404, 9.9679



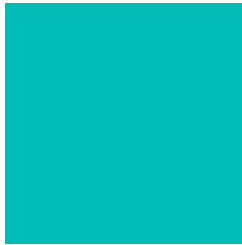
14.1434, 7.2885, 0.7828



0.5576, 0.2869, 0.0495

Previews

White Background



This preview shows how the XYZ color 26.2138, 38.9180, 50.3863 looks on a white background.

Color Contrast Check

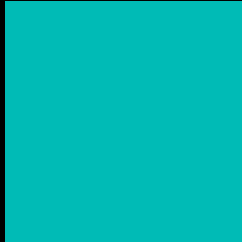
Large Text (above 18pt) WCAG AA × Fail

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 26.2138, 38.9180, 50.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

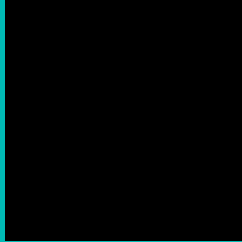
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

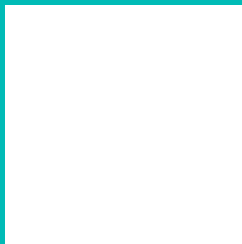
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2138, 38.9180, 50.3863

Background



This preview shows how black text looks on a background with the XYZ color 26.2138, 38.9180, 50.3863.

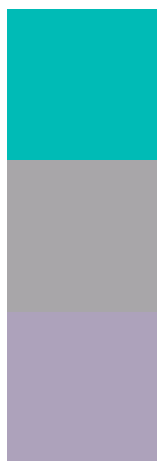


This preview shows how white text looks on a background with the XYZ color 26.2138, 38.9180,

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

26.2138, 38.9180, 50.3863

Protanopia

36.9461, 38.4618, 43.0127

Deuteranopia

39.1236, 38.3128, 52.3468



Tritanopia

28.2486, 38.8166, 60.0363

Trichromacy



Original Color

26.2138, 38.9180, 50.3863



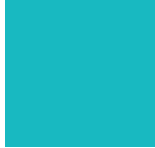
Protanomaly

28.8394, 36.4539, 45.5607



Deuteranomaly

29.7503, 35.9436, 51.2687



Tritanomaly

27.3513, 38.7424, 56.4885

Monochromacy



Original Color

26.2138, 38.9180, 50.3863



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

20.1389, 26.1742, 32.8449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2138, 38.9180, 50.3863 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, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 182)  
}
```

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, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.2138, 38.9180, 50.3863 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, 187, 182) }
```


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

```
.border{ border-color:rgb(0, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2138, 38.9180, 50.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 182) }
```

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

```
.background{ background-color: rgb(0, 187,  
182) }
```

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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