

Converting Colors

XYZ(26.1243, 38.1407, 51.9961)

Have a look what the booklet for
XYZ(26.1243, 38.1407, 51.9961)
contains.

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Color

**XYZ(26.1435, 38.2201,
51.8982)**

Conversions

Conversions Part 1

Format	Color
Hex	03B9B9
RGB	3, 185, 185
RGB Percent	1%, 73%, 73%
CMY	0.9881, 0.2745, 0.2745
CMYK	0.98, 0.00, 0.00, 0.27
HSL	180°, 97%, 37%
HSV	180°, 98%, 73%
XYZ	26.1435, 38.2201, 51.8982
YIQ	130.5820, -108.4720, -38.5840

Conversions

Conversions Part 2

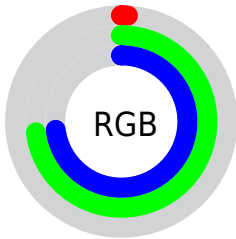
Format	Color
RYB	3, 94, 185
Decimal	244153
CIELab	68.18, -37.68, -11.09
CIELCh	68, 39.282, 196.393
Yxy	38.2201, 0.2249, 0.3287
Android (android.graphics.Color)	4278434233 (0xFF03B9B9)
YUV	130.5820, 26.8281, -111.8894
Hunter-Lab	61.8224, -32.7050, -6.4966

Details

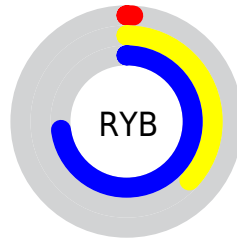
The XYZ color **26.1435, 38.2201, 51.8982** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.0579, 10.3873, 1.0351**, and the grayscale version is **21.3643, 22.4769, 24.4774**.

A 20% lighter version of the original color is **52.9961, 72.6218, 94.4433**, and **12.2812, 17.8985, 24.6373** is the 20% darker color. If you saturate the color by 10%, you get **26.1066, 38.2019, 51.8973**, and if you desaturate by 10%, it is **26.4274, 38.3673, 51.9124**.

Distribution



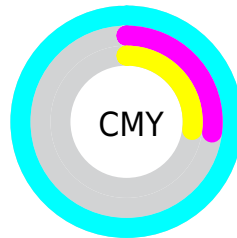
- Red (1%)
- Green (73%)
- Blue (73%)



- Red (1%)
- Yellow (37%)
- Blue (73%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (99%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1435, 38.2201, 51.8982 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 26.1435, 38.2201, 51.8982 by changing the saturation by 10% instead.

■ 26.1435, 38.2201,
51.8982

■ 26.1435, 38.2201,
51.8982

275.7296,
338.5632, 410.9892

■ 17.0643, 26.1536,
36.5423

■ 52.9360, 72.4454,
94.4061

■ 10.3759, 16.9386,
24.5603

■ 71.3800, 95.3729,
122.3952

■ 5.7131, 10.1907,
15.5337

■ 93.6763, 122.6895,
155.4324

■ 2.7104, 5.5256,
9.0440

■ 120.1902,
154.7797, 193.9363

■ 1.0025, 2.5588,
4.6727

■ 151.2872,
192.0277, 238.3254

■ 0.0000, 0.9060,
2.0012

187.3325,

■ 0.0000, 0.0000,

234.8180, 289.0182

0.5560

228.6915,
283.5351, 346.4333

■ 0.0000, 0.0000,
0.0000

■ 26.1435, 38.2201,
51.8982

■ 26.1435, 38.2201,
51.8982

■ 26.1066, 38.2019,
51.8973

■ 26.4274, 38.3673,
51.9124

■ 26.9833, 38.6538,
51.9385

■ 27.8832, 39.1177,
51.9807

■ 29.1705, 39.7814,
52.0411

■ 30.8824, 40.6639,
52.1213

■ 33.0515, 41.7821,
52.2229

■ 35.7073, 43.1512,
52.3473

■ 38.8769, 44.7852,
52.4957

■ 42.5854, 46.6970,
52.6693

Harmonies

Analogous

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



26.0244, 38.2201, 34.1616



26.1435, 38.2201, 51.8982



28.7824, 38.2201, 71.1889

Triad

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



26.1435, 38.2201, 51.8982



45.5570, 38.2201, 69.5399



39.1739, 38.2201, 16.6561

Complementary

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



26.1435, 38.2201, 51.8982



20.0579, 10.3873, 1.0351

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.



45.0869, 38.2201, 21.6306



26.1435, 38.2201, 51.8982



49.0427, 38.2201, 50.0810

Square

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



26.1435, 38.2201, 51.8982



39.7595, 38.2201, 83.1747



48.8616, 38.2201, 32.7890



33.0980, 38.2201, 16.8881

Rectangle

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



26.1435, 38.2201, 51.8982



31.8043, 38.2201, 80.8889



48.8616, 38.2201, 32.7890



41.2594, 38.2201, 17.6977

Sweetspot

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



26.1447, 38.2215, 51.8991



62.8592, 76.7189, 93.6993



17.4422, 34.7449, 5.8744



13.1162, 16.3148, 20.1793



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.1447, 38.2215, 51.8991



46.7552, 68.4170, 92.9446



13.0749, 12.0818, 47.5434



9.2667, 10.2107, 11.5619



17.7757, 26.0112, 35.3363



0.6266, 0.9170, 1.2457

Inverse Universe

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



20.0579, 10.3873, 1.0351



35.8334, 18.4728, 1.6770



23.7650, 17.8014, 2.2707



9.0046, 9.0122, 9.3719



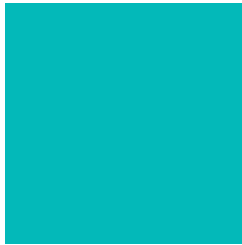
13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 26.1435, 38.2201, 51.8982 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 26.1435, 38.2201, 51.8982 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

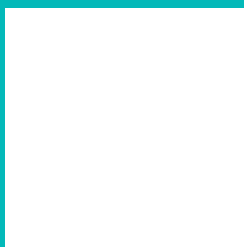
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1435, 38.2201, 51.8982

Background



This preview shows how black text looks on a background with the XYZ color 26.1435, 38.2201, 51.8982.

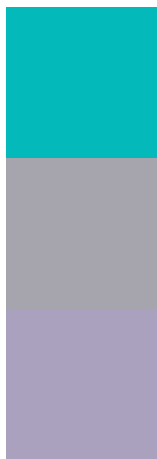


This preview shows how white text looks on a background with the XYZ color 26.1435, 38.2201,

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

26.1435, 38.2201, 51.8982

Protanopia

36.4477, 37.6365, 44.3733

Deuteranopia

38.4013, 37.6425, 53.9570



Tritanopia

27.7862, 38.2843, 59.3512

Trichromacy



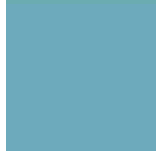
Original Color

26.1435, 38.2201, 51.8982



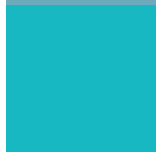
Protanomaly

28.7517, 35.8052, 46.9907



Deuteranomaly

29.7585, 35.6315, 52.8861



Tritanomaly

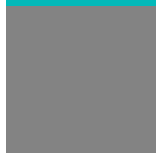
27.1195, 38.3134, 56.4180

Monochromacy



Original Color

26.1435, 38.2201, 51.8982



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

20.3087, 26.2524, 33.2750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1435, 38.2201, 51.8982 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(3, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(3, 185, 185)  
}
```

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(3, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 26.1435, 38.2201, 51.8982 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(3, 185, 185) }
```


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

```
.border{ border-color:rgb(3, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(3, 185,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1435, 38.2201, 51.8982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 185, 185) }
```

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

```
.background{ background-color: rgb(3, 185,  
185) }
```

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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