

Converting Colors

XYZ(26.2271, 38.2480, 52.5383)

Have a look what the booklet for
XYZ(26.2271, 38.2480, 52.5383)
contains.

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Color

**XYZ(26.2119, 38.2431,
52.4545)**

Conversions

Conversions Part 1

Format	Color
Hex	00B9BA
RGB	0, 185, 186
RGB Percent	0%, 73%, 73%
CMY	0.9998, 0.2745, 0.2706
CMYK	1.00, 0.01, 0.00, 0.27
HSL	180°, 100%, 36%
HSV	180°, 100%, 73%
XYZ	26.2119, 38.2431, 52.4545
YIQ	129.7990, -110.5810, -38.9090

Conversions

Conversions Part 2

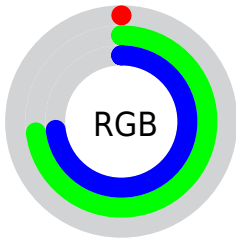
Format	Color
RYB	0, 93, 186
Decimal	47546
CIELab	68.20, -37.47, -11.61
CIELCh	68, 39.232, 197.219
Yxy	38.2431, 0.2242, 0.3271
Android (android.graphics.Color)	4278237626 (0xFF00B9BA)
YUV	129.7990, 27.7071, -113.8337
Hunter-Lab	61.8410, -32.5628, -7.0020

Details

The XYZ color **26.2119, 38.2431, 52.4545** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.2615, 10.4619, 0.9526**, and the grayscale version is **21.0849, 22.1829, 24.1572**.

A 20% lighter version of the original color is **53.1460, 72.6818, 95.2323**, and **12.3499, 17.9261, 24.9995** is the 20% darker color. If you saturate the color by 10%, you get **26.2125, 38.2442, 52.4554**, and if you desaturate by 10%, it is **26.4950, 38.4209, 52.4746**.

Distribution



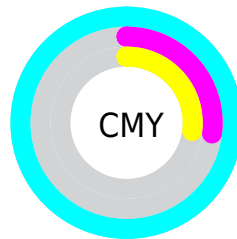
- Red (0%)
- Green (73%)
- Blue (73%)



- Red (0%)
- Yellow (36%)
- Blue (73%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2119, 38.2431, 52.4545 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 26.2119, 38.2431, 52.4545 by changing the saturation by 10% instead.

■ 26.2119, 38.2431,
52.4545

■ 26.2119, 38.2431,
52.4545

276.0584,
338.6617, 413.1955

■ 17.1157, 26.1714,
36.9827

■ 53.0455, 72.4806,
95.2346

■ 10.4129, 16.9519,
24.8984

■ 71.5136, 95.4152,
123.3800

■ 5.7379, 10.2002,
15.7831

■ 93.8364, 122.7396,
156.5870

■ 2.7255, 5.5319,
9.2181

■ 120.3793,
154.8381, 195.2742

■ 1.0103, 2.5626,
4.7850

■ 151.5075,
192.0952, 239.8601

■ 0.0000, 0.9079,
2.0651

187.5866,

■ 0.0000, 0.0000,

234.8952, 290.7633

0.5949

228.9818,
283.6226, 348.4022

■ 0.0000, 0.0000,
0.0000

■ 26.2119, 38.2431,
52.4545

■ 26.2119, 38.2431,
52.4545

■ 26.2125, 38.2442,
52.4554

■ 26.4950, 38.4209,
52.4746

■ 27.0260, 38.7257,
52.5054

■ 27.8972, 39.2059,
52.5522

■ 29.1543, 39.8850,
52.6171

■ 30.8354, 40.7828,
52.7017

■ 32.9745, 41.9167,
52.8079

■ 35.6019, 43.3023,
52.9368

■ 38.7454, 44.9540,
53.0900

■ 42.4307, 46.8851,
53.2685

Harmonies

Analogous

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



26.0224, 38.2431, 34.6091



26.2119, 38.2431, 52.4545



28.9160, 38.2431, 71.6578

Triad

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



26.2119, 38.2431, 52.4545



45.7052, 38.2431, 69.0363



39.0197, 38.2431, 16.6318

Complementary

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



26.2119, 38.2431, 52.4545



20.2615, 10.4619, 0.9526

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.



44.9575, 38.2431, 21.4520



26.2119, 38.2431, 52.4545



49.0992, 38.2431, 49.5644

Square

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



26.2119, 38.2431, 52.4545



39.9512, 38.2431, 82.9273



48.8112, 38.2431, 32.4249



32.9700, 38.2431, 17.0014

Rectangle

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



26.2119, 38.2431, 52.4545



31.9728, 38.2431, 81.1661



48.8112, 38.2431, 32.4249



41.1071, 38.2431, 17.6256

Sweetspot

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



26.2131, 38.2445, 52.4554



64.2608, 78.3454, 95.9367



17.5599, 35.1187, 5.8542



13.6868, 17.0082, 21.1041



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.



26.2131, 38.2445, 52.4554



47.5049, 69.3064, 95.0751



12.7796, 11.3777, 47.9776



9.2625, 10.2021, 11.5605



17.6366, 25.7329, 35.2905



0.6231, 0.9098, 1.2445

Inverse Universe

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



29.0077, 13.9430, 47.0628



52.5734, 25.2694, 85.2858



24.1663, 18.2716, 2.2542



9.3788, 9.1619, 11.3423



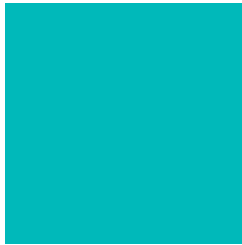
19.5158, 9.3801, 31.6668



0.6887, 0.3309, 1.1199

Previews

White Background



This preview shows how the XYZ color 26.2119, 38.2431, 52.4545 looks on a white background.

Color Contrast Check

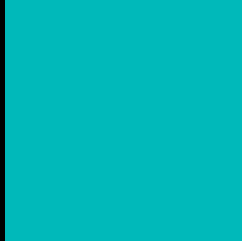
Large Text (above 18pt) WCAG AA × Fail

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 26.2119, 38.2431, 52.4545 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

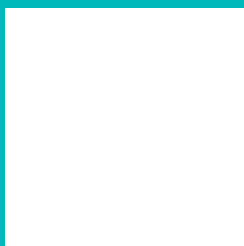
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2119, 38.2431, 52.4545

Background



This preview shows how black text looks on a background with the XYZ color 26.2119, 38.2431, 52.4545.



This preview shows how white text looks on a background with the XYZ color 26.2119, 38.2431,

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

26.2119, 38.2431, 52.4545

Protanopia

36.5442, 37.6750, 44.8811

Deuteranopia

38.5110, 37.6863, 54.5347



Tritanopia

27.7537, 38.2675, 59.3497

Trichromacy



Original Color

26.2119, 38.2431, 52.4545



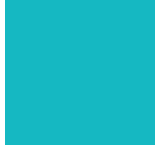
Protanomaly

28.7323, 35.7836, 47.5120



Deuteranomaly

29.7444, 35.6117, 53.4502



Tritanomaly

27.1874, 38.3355, 57.0055

Monochromacy



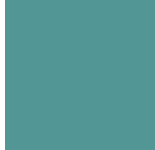
Original Color

26.2119, 38.2431, 52.4545



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

19.9786, 25.8537, 32.7914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2119, 38.2431, 52.4545 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, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 186)  
}
```

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, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 186) }
```

Border

The CSS property to change the border of an element to XYZ 26.2119, 38.2431, 52.4545 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, 185, 186) }
```


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

```
.border{ border-color:rgb(0, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2119, 38.2431, 52.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 186) }
```

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

```
.background{ background-color: rgb(0, 185,  
186) }
```

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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