

Converting Colors

XYZ(15.5307, 32.5555, 53.0592)

Have a look what the booklet for
XYZ(15.5307, 32.5555, 53.0592)
contains.

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Color

**XYZ(26.2176, 37.9118,
53.5129)**

Conversions

Conversions Part 1

Format	Color
Hex	00B8BC
RGB	0, 184, 188
RGB Percent	0%, 72%, 74%
CMY	0.9998, 0.2784, 0.2627
CMYK	1.00, 0.02, 0.00, 0.26
HSL	181°, 100%, 37%
HSV	181°, 100%, 74%
XYZ	26.2176, 37.9118, 53.5129
YIQ	129.4400, -110.9480, -37.7640

Conversions

Conversions Part 2

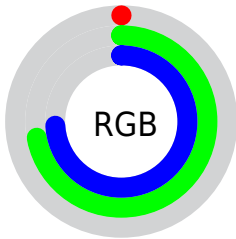
Format	Color
RYB	0, 93, 188
Decimal	47292
CIELab	67.96, -36.40, -13.08
CIELCh	68, 38.679, 199.768
Yxy	37.9118, 0.2229, 0.3223
Android (android.graphics.Color)	4278237372 (0xFF00B8BC)
YUV	129.4400, 28.8701, -113.5189
Hunter-Lab	61.5726, -31.7467, -8.4283

Details

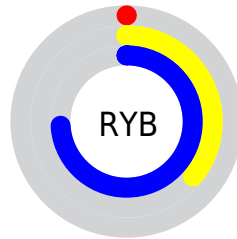
The XYZ color **26.2176, 37.9118, 53.5129** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.7834, 10.7793, 0.9863**, and the grayscale version is **20.9549, 22.0461, 24.0082**.

A 20% lighter version of the original color is **53.1513, 72.2089, 96.7243**, and **12.3558, 17.7145, 25.6897** is the 20% darker color. If you saturate the color by 10%, you get **26.2181, 37.9126, 53.5137**, and if you desaturate by 10%, it is **26.5669, 38.2162, 53.5540**.

Distribution



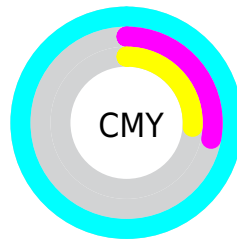
- Red (0%)
- Green (72%)
- Blue (74%)



- Red (0%)
- Yellow (36%)
- Blue (74%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2176, 37.9118, 53.5129 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 26.2176, 37.9118, 53.5129 by changing the saturation by 10% instead.

■ 26.2176, 37.9118,
53.5129

■ 26.2176, 37.9118,
53.5129

276.0858,
337.2415, 417.3718

■ 17.1200, 25.9142,
37.8218

■ 53.0546, 71.9729,
96.8078

■ 10.4159, 16.7595,
25.5437

■ 71.5247, 94.8053,
125.2488

■ 5.7400, 10.0632,
16.2599

■ 93.8497, 122.0180,
158.7769

■ 2.7268, 5.4409,
9.5519

■ 120.3950,
153.9956, 197.8105

■ 1.0110, 2.5082,
5.0012

■ 151.5259,
191.1223, 242.7683

■ 0.0000, 0.8807,
2.1892

187.6078,

■ 0.0000, 0.0000,

233.7826, 294.0687

0.6681

229.0059,
282.3608, 352.1304

■ 0.0000, 0.0000,
0.0000

■ 26.2176, 37.9118,
53.5129

■ 26.2176, 37.9118,
53.5129

■ 26.2181, 37.9126,
53.5137

■ 26.5669, 38.2162,
53.5540

■ 27.1710, 38.6515,
53.6061

■ 28.1242, 39.2671,
53.6747

■ 29.4730, 40.0870,
53.7619

■ 31.2569, 41.1315,
53.8695

■ 33.5106, 42.4186,
53.9991

■ 36.2653, 43.9643,
54.1523

■ 39.5495, 45.7834,
54.3303

■ 43.3895, 47.8893,
54.5344

Harmonies

Analogous

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



25.8175, 37.9118, 35.6759



26.2176, 37.9118, 53.5129



29.0745, 37.9118, 72.0459

Triad

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



26.2176, 37.9118, 53.5129



45.5943, 37.9118, 66.5534



38.1258, 37.9118, 16.5276

Complementary

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



26.2176, 37.9118, 53.5129



20.7834, 10.7793, 0.9863

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.



44.0239, 37.9118, 20.8200



26.2176, 37.9118, 53.5129



48.6425, 37.9118, 47.4412

Square

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



26.2176, 37.9118, 53.5129



40.0847, 37.9118, 80.9074



48.0379, 37.9118, 31.0689



32.2658, 37.9118, 17.3131

Rectangle

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



26.2176, 37.9118, 53.5129



32.1841, 37.9118, 80.7638



48.0379, 37.9118, 31.0689



40.1794, 37.9118, 17.3646

Sweetspot

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



26.2188, 37.9132, 53.5138



65.4458, 79.5223, 98.1262



18.0014, 35.9742, 6.0860



13.6009, 16.8365, 21.0755



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.



26.2188, 37.9132, 53.5138



47.4910, 68.6606, 96.9760



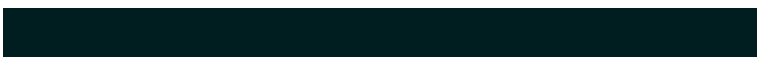
12.8092, 11.0942, 49.0440



9.7907, 10.7738, 12.2357



17.8577, 25.8271, 36.4368



0.7051, 1.0228, 1.4291

Inverse Universe

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



29.3918, 14.1532, 46.5315



53.2541, 25.6436, 84.2636



25.0284, 19.2694, 2.4014



9.9210, 9.6927, 11.9728



20.0145, 9.6370, 31.6997



0.7868, 0.3786, 1.2565

Previews

White Background



This preview shows how the XYZ color 26.2176, 37.9118, 53.5129 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 26.2176, 37.9118, 53.5129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

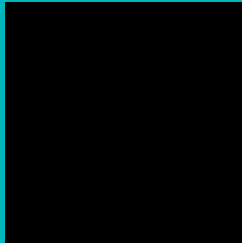
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

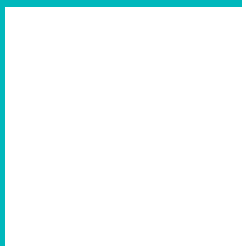
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2176, 37.9118, 53.5129

Background



This preview shows how black text looks on a background with the XYZ color 26.2176, 37.9118, 53.5129.

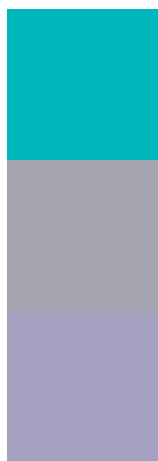


This preview shows how white text looks on a background with the XYZ color 26.2176, 37.9118,

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

26.2176, 37.9118, 53.5129

Protanopia

36.1449, 37.1820, 45.8293

Deuteranopia

38.3069, 37.5555, 55.6820



Tritanopia

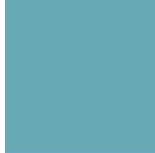
27.5182, 38.1594, 58.7385

Trichromacy



Original Color

26.2176, 37.9118, 53.5129



Protanomaly

28.5100, 35.3642, 48.5033



Deuteranomaly

29.5358, 35.2017, 54.5281



Tritanomaly

26.9205, 37.8906, 56.9337

Monochromacy



Original Color

26.2176, 37.9118, 53.5129



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

19.7321, 25.4907, 32.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2176, 37.9118, 53.5129 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, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 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, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 26.2176, 37.9118, 53.5129 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, 184, 188) }
```


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

```
.border{ border-color:rgb(0, 184, 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, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2176, 37.9118, 53.5129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 188) }
```

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

```
.background{ background-color: rgb(0, 184,  
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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