

Converting Colors

XYZ(27.0887, 39.0870, 55.5514)

Have a look what the booklet for
XYZ(27.0887, 39.0870, 55.5514)
contains.

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Color

**XYZ(26.9629, 38.8794,
55.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	00BABF
RGB	0, 186, 191
RGB Percent	0%, 73%, 75%
CMY	0.9998, 0.2706, 0.2510
CMYK	1.00, 0.03, 0.00, 0.25
HSL	182°, 100%, 37%
HSV	182°, 100%, 75%
XYZ	26.9629, 38.8794, 55.3736
YIQ	130.9560, -112.4610, -37.8770

Conversions

Conversions Part 2

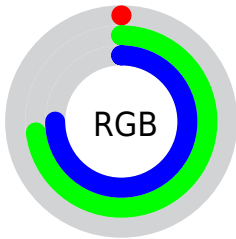
Format	Color
RYB	0, 94, 191
Decimal	47807
CIELab	68.66, -36.40, -13.67
CIELCh	69, 38.879, 200.584
Yxy	38.8794, 0.2224, 0.3207
Android (android.graphics.Color)	4278237887 (0xFF00BABF)
YUV	130.9560, 29.6017, -114.8484
Hunter-Lab	62.3533, -31.9312, -9.0058

Details

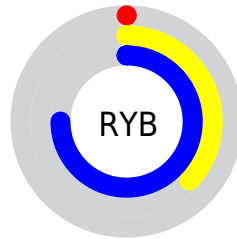
The XYZ color **26.9629, 38.8794, 55.3736** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **21.5411, 11.1861, 1.0250**, and the grayscale version is **21.4891, 22.6082, 24.6203**.

A 20% lighter version of the original color is **54.3186, 73.6414, 99.3470**, and **12.8387, 18.3375, 26.9076** is the 20% darker color. If you saturate the color by 10%, you get **26.9633, 38.8801, 55.3744**, and if you desaturate by 10%, it is **27.3404, 39.2315, 55.4224**.

Distribution



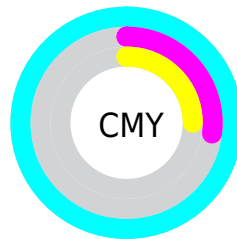
- Red (0%)
- Green (73%)
- Blue (75%)



- Red (0%)
- Yellow (37%)
- Blue (75%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)





- Cyan (100%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9629, 38.8794, 55.3736 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 26.9629, 38.8794, 55.3736 by changing the saturation by 10% instead.


 26.9629, 38.8794,
55.3736


 26.9629, 38.8794,
55.3736


279.6483,
341.3775, 424.6484


 17.6818, 26.6659,
39.3003


 54.2446, 73.4540,
99.5648


 10.8201, 17.3225,
26.6838


 72.9760, 96.5840,
128.5197


 6.0124, 10.4647,
17.1056


 95.5881, 124.1216,
162.6056

 2.8933, 5.7081,
10.1470

 122.4464,
156.4512, 202.2410

 1.0976, 2.6684,
5.3897

 153.9162,
193.9571, 247.8444

 0.0231, 0.9612,
2.4150

190.3629,

 0.0000, 0.0000,

237.0239, 299.8344

0.7946

232.1518,
286.0359, 358.6296

■ 0.0000, 0.0000,
0.0000

■ 26.9629, 38.8794,
55.3736

■ 26.9629, 38.8794,
55.3736

■ 26.9633, 38.8801,
55.3744

■ 27.3404, 39.2315,
55.4224

■ 27.9833, 39.7201,
55.4828

■ 28.9882, 40.3959,
55.5603

■ 30.4037, 41.2839,
55.6571

■ 32.2708, 42.4052,
55.7751

■ 34.6256, 43.7786,
55.9161

■ 37.5006, 45.4206,
56.0815

■ 40.9254, 47.3467,
56.2728

■ 44.9274, 49.5708,
56.4911

Harmonies

Analogous

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



26.4836, 38.8794, 37.0366



26.9629, 38.8794, 55.3736



29.9502, 38.8794, 74.2110

Triad

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



26.9629, 38.8794, 55.3736



46.8499, 38.8794, 67.6477



38.9199, 38.8794, 16.9634

Complementary

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



26.9629, 38.8794, 55.3736



21.5411, 11.1861, 1.0250

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.



44.9718, 38.8794, 21.2093



26.9629, 38.8794, 55.3736



49.8730, 38.8794, 48.1119

Square

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



26.9629, 38.8794, 55.3736



41.2636, 38.8794, 82.5512



49.1501, 38.8794, 31.5197



32.9549, 38.8794, 17.9063

Rectangle

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



26.9629, 38.8794, 55.3736



33.1648, 38.8794, 82.9196



49.1501, 38.8794, 31.5197



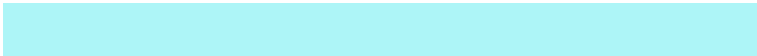
41.0207, 38.8794, 17.7739

Sweetspot

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



26.9641, 38.8808, 55.3745



66.8841, 81.1895, 100.4251



18.6493, 37.2695, 6.3034



14.1832, 17.5418, 22.0237



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.9641, 38.8808, 55.3745



48.2610, 69.5738, 99.1646



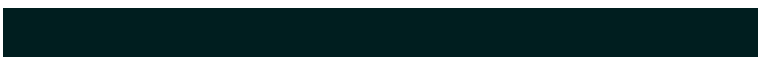
13.2612, 11.4751, 50.8069



9.7866, 10.7655, 12.2343



17.7294, 25.5706, 36.3941



0.7013, 1.0152, 1.4279

Inverse Universe

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



30.3498, 14.6227, 47.6787



54.3399, 26.1813, 85.3109



25.9203, 19.9444, 2.4847



9.9189, 9.6919, 11.9619



19.9498, 9.6111, 31.3587



0.7849, 0.3778, 1.2464

Previews

White Background



This preview shows how the XYZ color 26.9629, 38.8794, 55.3736 looks on a white background.

Color Contrast Check

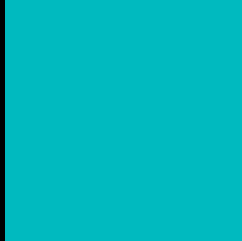
Large Text (above 18pt) WCAG AA × Fail

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 26.9629, 38.8794, 55.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

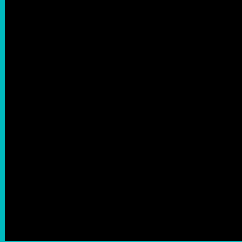
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

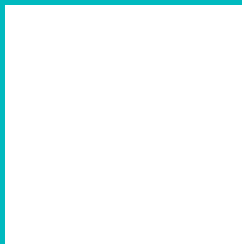
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9629, 38.8794, 55.3736

Background



This preview shows how black text looks on a background with the XYZ color 26.9629, 38.8794, 55.3736.

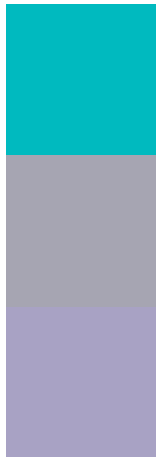


This preview shows how white text looks on a background with the XYZ color 26.9629, 38.8794,

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

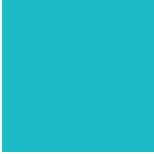
26.9629, 38.8794, 55.3736

Protanopia

37.2169, 38.2316, 47.5374

Deuteranopia

39.0326, 38.1510, 57.5312



Tritanopia

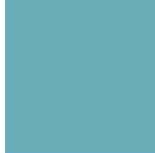
28.2532, 39.1149, 60.7044

Trichromacy



Original Color

26.9629, 38.8794, 55.3736



Protanomaly

29.4347, 36.3702, 50.2685



Deuteranomaly

30.3639, 36.1467, 56.4156



Tritanomaly

27.6765, 38.8577, 58.8649

Monochromacy



Original Color

26.9629, 38.8794, 55.3736



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

20.3837, 26.2721, 34.1337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9629, 38.8794, 55.3736 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, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 191)  
}
```

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, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 191) }
```

Border

The CSS property to change the border of an element to XYZ 26.9629, 38.8794, 55.3736 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, 186, 191) }
```


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

```
.border{ border-color:rgb(0, 186, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9629, 38.8794, 55.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 191) }
```

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

```
.background{ background-color: rgb(0, 186,  
191) }
```

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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