

Converting Colors

XYZ(23.2661, 36.7391, 55.9979)

Have a look what the booklet for
XYZ(23.2661, 36.7391, 55.9979)
contains.

XYZ(26.8634, 38.5037, 55.8853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8634, 38.5037,
55.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	00B9C0
RGB	0, 185, 192
RGB Percent	0%, 73%, 75%
CMY	0.9998, 0.2745, 0.2471
CMYK	1.00, 0.04, 0.00, 0.25
HSL	182°, 100%, 38%
HSV	182°, 100%, 75%
XYZ	26.8634, 38.5037, 55.8853
YIQ	130.4830, -112.5070, -37.0430

Conversions

Conversions Part 2

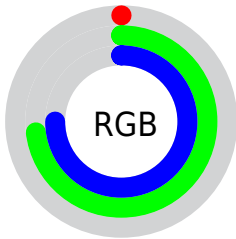
Format	Color
RYB	0, 94, 192
Decimal	47552
CIELab	68.39, -35.62, -14.63
CIELCh	68, 38.510, 202.329
Yxy	38.5037, 0.2215, 0.3176
Android (android.graphics.Color)	4278237632 (0xFF00B9C0)
YUV	130.4830, 30.3279, -114.4336
Hunter-Lab	62.0513, -31.3133, -9.9624

Details

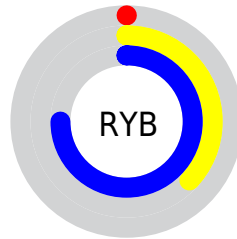
The XYZ color **26.8634, 38.5037, 55.8853** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **21.8152, 11.3595, 1.0440**, and the grayscale version is **21.3183, 22.4285, 24.4247**.

A 20% lighter version of the original color is **54.1749, 73.1064, 100.0626**, and **12.7765, 18.0967, 27.2457** is the 20% darker color. If you saturate the color by 10%, you get **26.8638, 38.5042, 55.8861**, and if you desaturate by 10%, it is **27.2842, 38.9394, 55.9479**.

Distribution



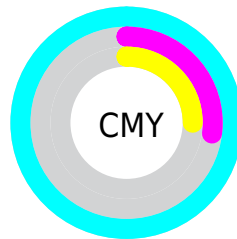
- Red (0%)
- Green (73%)
- Blue (75%)



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



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8634, 38.5037, 55.8853 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 26.8634, 38.5037, 55.8853 by changing the saturation by 10% instead.

■ 26.8634, 38.5037,
55.8853

■ 26.8634, 38.5037,
55.8853

279.1747,
339.7758, 426.6353

■ 17.6067, 26.3739,
39.7076

■ 54.0860, 72.8795,
100.3210

■ 10.7660, 17.1035,
26.9986

■ 72.7827, 95.8943,
129.4160

■ 5.9758, 10.3083,
17.3397

■ 95.3567, 123.3062,
163.6539

■ 2.8709, 5.6039,
10.3125

■ 122.1734,
155.4995, 203.4532

■ 1.0859, 2.6057,
5.4983

■ 153.5983,
192.8588, 249.2325

■ 0.0132, 0.9296,
2.4787

189.9965,

■ 0.0000, 0.0000,

235.7683, 301.4102

0.8288

231.7336,
284.6125, 360.4049

■ 0.0000, 0.0000,
0.0000

■ 26.8634, 38.5037,
55.8853

■ 26.8634, 38.5037,
55.8853

■ 26.8638, 38.5042,
55.8861

■ 27.2842, 38.9394,
55.9479

■ 27.9741, 39.5140,
56.0225

■ 29.0308, 40.2789,
56.1144

■ 30.5034, 41.2592,
56.2260

■ 32.4336, 42.4765,
56.3593

■ 34.8578, 43.9495,
56.5158

■ 37.8090, 45.6953,
56.6972

■ 41.3172, 47.7293,
56.9049

■ 45.4101, 50.0658,
57.1402

Harmonies

Analogous

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



26.2437, 38.5037, 37.6356



26.8634, 38.5037, 55.8853



29.9430, 38.5037, 74.1781

Triad

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



26.8634, 38.5037, 55.8853



46.5893, 38.5037, 65.7353



38.1702, 38.5037, 16.8305

Complementary

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



26.8634, 38.5037, 55.8853



21.8152, 11.3595, 1.0440

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.



44.1694, 38.5037, 20.7097



26.8634, 38.5037, 55.8853



49.3668, 38.5037, 46.5263

Square

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



26.8634, 38.5037, 55.8853



41.1926, 38.5037, 80.8702



48.4357, 38.5037, 30.5061



32.3559, 38.5037, 18.0553

Rectangle

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



26.8634, 38.5037, 55.8853



33.1805, 38.5037, 82.3125



48.4357, 38.5037, 30.5061



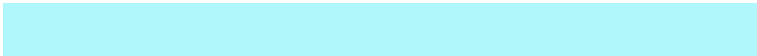
40.2395, 38.5037, 17.5327

Sweetspot

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



26.8646, 38.5051, 55.8862



68.2149, 82.6252, 102.7133



18.8857, 37.7142, 6.4691



14.1255, 17.4264, 22.0044



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.



26.8646, 38.5051, 55.8862



48.6325, 69.6816, 101.2470



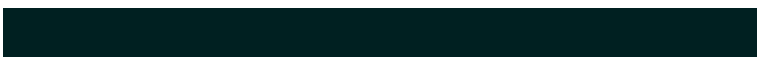
13.1395, 11.0549, 51.3112



10.3361, 11.3634, 12.9334



18.0891, 25.9347, 37.6091



0.7916, 1.1405, 1.6283

Inverse Universe

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



30.4962, 14.7104, 47.1325



55.2342, 26.6438, 85.2855



26.5315, 20.7922, 2.6161



10.4809, 10.2410, 12.6231



20.5265, 9.9004, 31.7483



0.8919, 0.4298, 1.3983

Previews

White Background



This preview shows how the XYZ color 26.8634, 38.5037, 55.8853 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 26.8634, 38.5037, 55.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

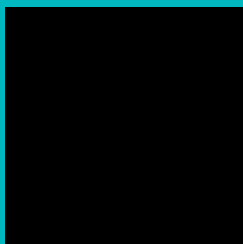
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

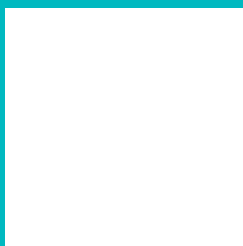
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8634, 38.5037, 55.8853

Background



This preview shows how black text looks on a background with the XYZ color 26.8634, 38.5037, 55.8853.

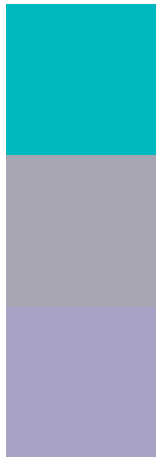


This preview shows how white text looks on a background with the XYZ color 26.8634, 38.5037,

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

26.8634, 38.5037, 55.8853

Protanopia

37.1089, 38.1643, 48.0584

Deuteranopia

38.7243, 37.9789, 58.1130



Tritanopia

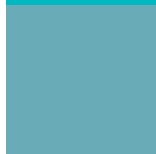
27.8502, 38.6112, 60.0177

Trichromacy



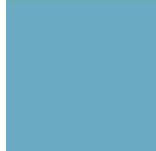
Original Color

26.8634, 38.5037, 55.8853



Protanomaly

29.2300, 35.9690, 50.7495



Deuteranomaly

30.1689, 35.7538, 56.9409



Tritanomaly

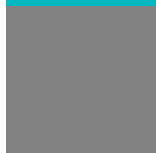
27.3180, 38.3767, 58.1922

Monochromacy



Original Color

26.8634, 38.5037, 55.8853



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

20.2234, 25.9516, 34.0803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8634, 38.5037, 55.8853 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 192) }
```

Border

The CSS property to change the border of an element to XYZ 26.8634, 38.5037, 55.8853 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, 192) }
```


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

```
.border{ border-color:rgb(0, 185, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8634, 38.5037, 55.8853 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, 192) }
```

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

```
.background{ background-color: rgb(0, 185,  
192) }
```

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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