

Converting Colors

XYZ(26.8430, 36.6320, 61.7354)

Have a look what the booklet for
XYZ(26.8430, 36.6320, 61.7354)
contains.

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Color

**XYZ(26.7808, 36.5045,
61.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	00B3CA
RGB	0, 179, 202
RGB Percent	0%, 70%, 79%
CMY	0.9998, 0.2980, 0.2078
CMYK	1.00, 0.11, 0.00, 0.21
HSL	187°, 100%, 40%
HSV	187°, 100%, 79%
XYZ	26.7808, 36.5045, 61.5117
YIQ	128.1010, -114.0670, -30.7950

Conversions

Conversions Part 2

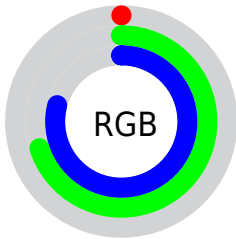
Format	Color
RYB	0, 95, 202
Decimal	46026
CIELab	66.90, -29.55, -22.40
CIELCh	67, 37.080, 217.159
Yxy	36.5045, 0.2146, 0.2925
Android (android.graphics.Color)	4278236106 (0xFF00B3CA)
YUV	128.1010, 36.4322, -112.3446
Hunter-Lab	60.4190, -26.6128, -18.0691

Details

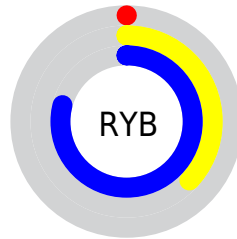
The XYZ color **26.7808, 36.5045, 61.5117** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **24.6650, 13.1714, 1.2437**, and the grayscale version is **20.4640, 21.5297, 23.4459**.

A 20% lighter version of the original color is **53.2378, 69.4614, 105.2092**, and **12.8062, 17.0598, 30.6349** is the 20% darker color. If you saturate the color by 10%, you get **26.7803, 36.5034, 61.5122**, and if you desaturate by 10%, it is **27.5399, 37.5867, 61.6813**.

Distribution



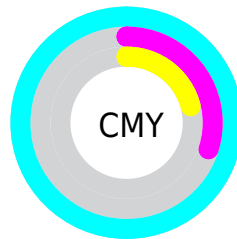
- Red (0%)
- Green (70%)
- Blue (79%)



- Red (0%)
- Yellow (37%)
- Blue (79%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7808, 36.5045, 61.5117 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 26.7808, 36.5045, 61.5117 by changing the saturation by 10% instead.

■ 26.7808, 36.5045,
61.5117

■ 26.7808, 36.5045,
61.5117

278.7812,
331.1603, 448.1061

■ 17.5444, 24.8241,
44.2050

■ 53.9543, 69.8100,
108.5842

■ 10.7211, 15.9460,
30.4933

■ 72.6221, 92.2040,
139.1872

■ 5.9455, 9.4860,
19.9581

■ 95.1644, 118.9378,
175.0592

■ 2.8523, 5.0595,
12.1808

■ 121.9466,
150.3960, 216.6190

■ 1.0762, 2.2822,
6.7429

■ 153.3340,
186.9630, 264.2851

■ 0.0050, 0.7643,
3.2259

189.6920,

■ 0.0000, 0.0000,

229.0231, 318.4759

1.2111

231.3859,
276.9607, 379.6101

■ 0.0000, 0.0000,
0.0000

■ 26.7808, 36.5045,
61.5117

■ 26.7808, 36.5045,
61.5117

■ 26.7803, 36.5034,
61.5122

■ 27.5399, 37.5867,
61.6813

■ 28.6115, 38.8408,
61.8669

■ 30.1022, 40.3225,
62.0743

■ 32.0679, 42.0606,
62.3062

■ 34.5558, 44.0796,
62.5648

■ 37.6075, 46.4008,
62.8520

■ 41.2602, 49.0437,
63.1696

■ 45.5480, 52.0258,
63.5192

■ 50.5025, 55.3634,
63.9023

Harmonies

Analogous

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



25.0453, 36.5045, 43.7278



26.7808, 36.5045, 61.5117



30.6704, 36.5045, 75.6123

Triad

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



26.7808, 36.5045, 61.5117



45.6324, 36.5045, 53.0044



33.3678, 36.5045, 16.2776

Complementary

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



26.7808, 36.5045, 61.5117



24.6650, 13.1714, 1.2437

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.



39.0602, 36.5045, 17.5123



26.7808, 36.5045, 61.5117



46.5542, 36.5045, 36.0158

Square

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



26.7808, 36.5045, 61.5117



41.6378, 36.5045, 69.8473



44.0357, 36.5045, 23.8379



28.5729, 36.5045, 19.8404

Rectangle

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



26.7808, 36.5045, 61.5117



34.1638, 36.5045, 79.3376



44.0357, 36.5045, 23.8379



35.2346, 36.5045, 16.1659

Sweetspot

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



26.7820, 36.5058, 61.5126



69.5685, 82.8312, 106.9291



21.2498, 42.2933, 7.7166



14.3015, 17.3075, 22.8369



0.0000, 0.0000, 0.0000



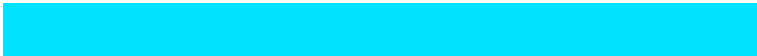
20.3446, 21.4041, 23.3091

Same Dimension

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



26.7820, 36.5058, 61.5126



45.2356, 61.5912, 104.1119



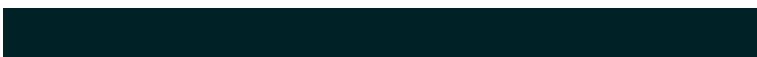
13.5911, 10.1240, 57.1156



11.4300, 12.5003, 14.3808



17.2742, 23.5724, 39.5957



0.9229, 1.2796, 2.0533

Inverse Universe

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



32.4949, 15.8125, 43.9886



54.9620, 26.7488, 74.1893



31.2217, 26.2849, 3.4293



11.6304, 11.3809, 13.8542



20.9301, 10.1826, 28.4144



1.0958, 0.5317, 1.5503

Previews

White Background



This preview shows how the XYZ color 26.7808, 36.5045, 61.5117 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 26.7808, 36.5045, 61.5117 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

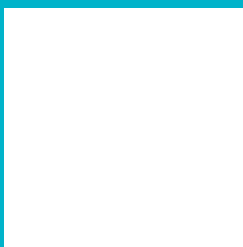
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7808, 36.5045, 61.5117

Background



This preview shows how black text looks on a background with the XYZ color 26.7808, 36.5045, 61.5117.



This preview shows how white text looks on a background with the XYZ color 26.7808, 36.5045,

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

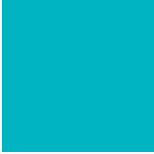
26.7808, 36.5045, 61.5117

Protanopia

35.4664, 35.8837, 53.2011

Deuteranopia

36.9870, 36.1713, 64.0638



Tritanopia

26.0589, 36.5376, 56.7179

Trichromacy



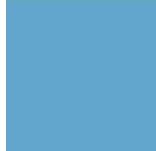
Original Color

26.7808, 36.5045, 61.5117



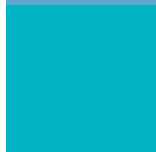
Protanomaly

28.7019, 34.1851, 56.1246



Deuteranomaly

29.6927, 34.2769, 62.8087



Tritanomaly

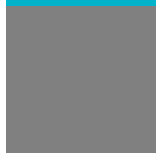
26.3993, 36.6737, 58.5107

Monochromacy



Original Color

26.7808, 36.5045, 61.5117



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.7435, 24.9833, 34.7920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7808, 36.5045, 61.5117 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, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 202)  
}
```

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, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 202) }
```

Border

The CSS property to change the border of an element to XYZ 26.7808, 36.5045, 61.5117 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, 179, 202) }
```


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

```
.border{ border-color:rgb(0, 179, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7808, 36.5045, 61.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 202) }
```

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

```
.background{ background-color: rgb(0, 179,  
202) }
```

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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