

Converting Colors

XYZ(26.3353, 35.6131, 61.3648)

Have a look what the booklet for
XYZ(26.3353, 35.6131, 61.3648)
contains.

XYZ(26.3828, 35.7085, 61.3790)	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(26.3828, 35.7085,
61.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	00B1CA
RGB	0, 177, 202
RGB Percent	0%, 69%, 79%
CMY	0.9998, 0.3059, 0.2078
CMYK	1.00, 0.12, 0.00, 0.21
HSL	187°, 100%, 40%
HSV	187°, 100%, 79%
XYZ	26.3828, 35.7085, 61.3790
YIQ	126.9270, -113.5170, -29.7490

Conversions

Conversions Part 2

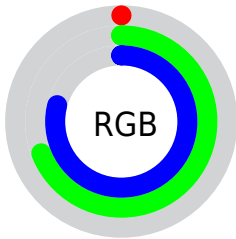
Format	Color
RYB	0, 94, 202
Decimal	45514
CIELab	66.30, -28.57, -23.32
CIELCh	66, 36.879, 219.231
Yxy	35.7085, 0.2137, 0.2892
Android (android.graphics.Color)	4278235594 (0xFF00B1CA)
YUV	126.9270, 37.0110, -111.3150
Hunter-Lab	59.7566, -25.7655, -19.0701

Details

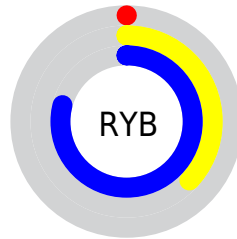
The XYZ color **26.3828, 35.7085, 61.3790** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **24.7063, 13.2540, 1.2575**, and the grayscale version is **20.0579, 21.1025, 22.9806**.

A 20% lighter version of the original color is **52.6684, 68.3226, 105.0194**, and **12.5529, 16.5534, 30.5505** is the 20% darker color. If you saturate the color by 10%, you get **26.3822, 35.7072, 61.3795**, and if you desaturate by 10%, it is **27.1754, 36.8577, 61.5597**.

Distribution



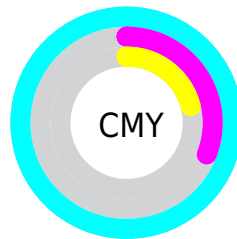
- Red (0%)
- Green (69%)
- Blue (79%)



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



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3828, 35.7085, 61.3790 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 26.3828, 35.7085, 61.3790 by changing the saturation by 10% instead.

■ 26.3828, 35.7085,
61.3790

■ 26.3828, 35.7085,
61.3790

276.8786,
327.6847, 447.6072

■ 17.2444, 24.2091,
44.0986

■ 53.3188, 68.5819,
108.3904

■ 10.5053, 15.4888,
30.4102

■ 71.8471, 90.7247,
138.9584

■ 5.8001, 9.1632,
19.8955

■ 94.2360, 117.1842,
174.7927

■ 2.7634, 4.8478,
12.1358

■ 120.8510,
148.3447, 216.3118

■ 1.0299, 2.1582,
6.7126

■ 152.0574,
184.5906, 263.9343

■ 0.0000, 0.6971,
3.2073

188.2206,

■ 0.0000, 0.0000,

226.3063, 318.0786

1.2014

229.7058,
273.8762, 379.1635

■ 0.0000, 0.0000,
0.0000

■ 26.3828, 35.7085,
61.3790

■ 26.3828, 35.7085,
61.3790

■ 26.3822, 35.7072,
61.3795

■ 27.1754, 36.8577,
61.5597

■ 28.2819, 38.1816,
61.7570

■ 29.8089, 39.7359,
61.9765

■ 31.8123, 41.5493,
62.2209

■ 34.3393, 43.6464,
62.4925

■ 37.4314, 46.0487,
62.7932

■ 41.1261, 48.7753,
63.1248

■ 45.4573, 51.8441,
63.4888

■ 50.4565, 55.2712,
63.8869

Harmonies

Analogous

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



24.5268, 35.7085, 43.9496



26.3828, 35.7085, 61.3790



30.3229, 35.7085, 74.6742

Triad

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



26.3828, 35.7085, 61.3790



44.8311, 35.7085, 50.6518



32.2698, 35.7085, 15.9769

Complementary

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



26.3828, 35.7085, 61.3790



24.7063, 13.2540, 1.2575

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.



37.8336, 35.7085, 16.8647



26.3828, 35.7085, 61.3790



45.4974, 35.7085, 34.2170

Square

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



26.3828, 35.7085, 61.3790



41.0847, 35.7085, 67.4088



42.8176, 35.7085, 22.6857



27.6754, 35.7085, 19.8078

Rectangle

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



26.3828, 35.7085, 61.3790



33.7981, 35.7085, 77.7552



42.8176, 35.7085, 22.6857



34.0820, 35.7085, 15.7623

Sweetspot

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



26.3840, 35.7098, 61.3799



69.3382, 82.3705, 106.8523



21.2822, 42.3062, 7.8872



14.2457, 17.1958, 22.8182



0.0000, 0.0000, 0.0000



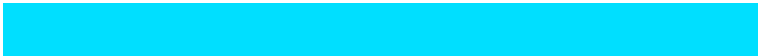
20.3446, 21.4041, 23.3091

Same Dimension

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



26.3840, 35.7098, 61.3799



44.5540, 60.2280, 103.8847



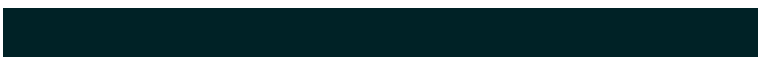
13.3478, 9.6374, 57.0345



11.4202, 12.4808, 14.3775



17.0210, 23.0660, 39.5114



0.9122, 1.2581, 2.0497

Inverse Universe

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



32.2940, 15.7321, 42.9307



54.6180, 26.6112, 72.3776



31.6389, 27.1193, 3.5683



11.6254, 11.3789, 13.8282



20.8023, 10.1315, 27.7414



1.0904, 0.5296, 1.5217

Previews

White Background



This preview shows how the XYZ color 26.3828, 35.7085, 61.3790 looks on a white background.

Color Contrast Check

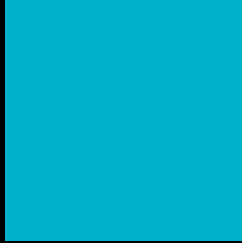
Large Text (above 18pt) WCAG AA × Fail

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 26.3828, 35.7085, 61.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

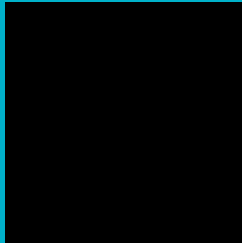
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3828, 35.7085, 61.3790

Background



This preview shows how black text looks on a background with the XYZ color 26.3828, 35.7085, 61.3790.



This preview shows how white text looks on a background with the XYZ color 26.3828, 35.7085,

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

26.3828, 35.7085, 61.3790

Protanopia

34.9099, 35.3404, 53.1255

Deuteranopia

35.9600, 35.1495, 63.2817



Tritanopia

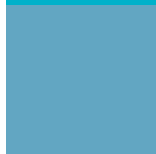
25.4348, 35.6466, 55.4091

Trichromacy



Original Color

26.3828, 35.7085, 61.3790



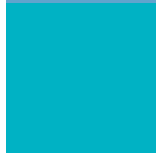
Protanomaly

28.4108, 33.7641, 56.0587



Deuteranomaly

29.1188, 33.4455, 62.6785



Tritanomaly

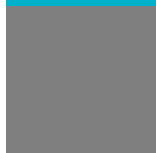
25.8842, 35.8263, 57.7755

Monochromacy



Original Color

26.3828, 35.7085, 61.3790



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

19.3515, 24.3332, 34.2487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3828, 35.7085, 61.3790 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, 177, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 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, 177, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 202) }
```

Border

The CSS property to change the border of an element to XYZ 26.3828, 35.7085, 61.3790 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, 177, 202) }
```


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

```
.border{ border-color:rgb(0, 177, 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, 177, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3828, 35.7085, 61.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 177, 202) }
```

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

```
.background{ background-color: rgb(0, 177,  
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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