

Converting Colors

XYZ(24.0038, 34.5125, 57.3838)

Have a look what the booklet for
XYZ(24.0038, 34.5125, 57.3838)
contains.

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Color

**XYZ(25.6859, 35.4298,
57.7094)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00B1C4 |
| RGB | 0, 177, 196 |
| RGB Percent | 0%, 69%, 77% |
| CMY | 0.9999, 0.3059, 0.2314 |
| CMYK | 1.00, 0.10, 0.00, 0.23 |
| HSL | 186°, 100%, 38% |
| HSV | 186°, 100%, 77% |
| XYZ | 25.6859, 35.4298, 57.7094 |
| YIQ | 126.2430, -111.5910, -31.6150 |

Conversions

Conversions Part 2

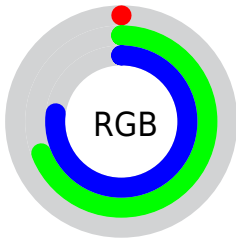
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 93, 196 |
| Decimal | 45508 |
| CIELab | 66.08, -30.54, -20.33 |
| CIELCh | 66, 36.689, 213.658 |
| Yxy | 35.4298, 0.2162, 0.2982 |
| Android (android.graphics.Color) | 4278235588 (0xFF00B1C4) |
| YUV | 126.2430, 34.3902, -110.7151 |
| Hunter-Lab | 59.5229, -27.1371, -15.8175 |

Details

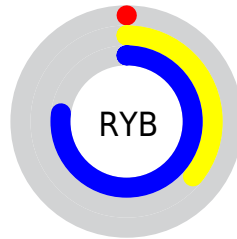
The XYZ color **25.6859, 35.4298, 57.7094** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **22.9989, 12.2030, 1.1443**, and the grayscale version is **19.8319, 20.8647, 22.7216**.

A 20% lighter version of the original color is **52.2354, 68.1364, 103.3270**, and **12.0901, 16.3683, 28.1134** is the 20% darker color. If you saturate the color by 10%, you get **25.6859, 35.4294, 57.7100**, and if you desaturate by 10%, it is **26.3457, 36.3317, 57.8494**.

Distribution



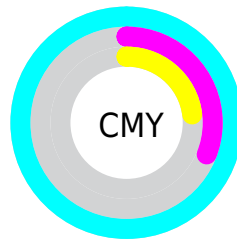
- Red (0%)
- Green (69%)
- Blue (77%)



- Red (0%)
- Yellow (36%)
- Blue (77%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6859, 35.4298, 57.7094 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 25.6859, 35.4298, 57.7094 by changing the saturation by 10% instead.

■ 25.6859, 35.4298,
57.7094

■ 25.6859, 35.4298,
57.7094

273.5218,
326.4614, 433.6702

■ 16.7203, 23.9941,
41.1619

■ 52.2027, 68.1511,
103.0101

■ 10.1293, 15.3293,
28.1250

■ 70.4846, 90.2055,
132.6005

■ 5.5477, 9.0508,
18.1800

■ 92.6026, 116.5682,
167.3755

■ 2.6101, 4.7743,
10.9085

■ 118.9221,
147.6238, 207.7538

■ 0.9511, 2.1155,
5.8920

■ 149.8084,
183.7564, 254.1539

■ 0.0000, 0.6733,
2.7118

185.6269,

■ 0.0000, 0.0000,

225.3507, 306.9943

0.9493

226.7429,
272.7909, 366.6935

■ 0.0000, 0.0000,
0.0000

■ 25.6859, 35.4298,
57.7094

■ 25.6859, 35.4298,
57.7094

■ 25.6859, 35.4294,
57.7100

■ 26.3457, 36.3317,
57.8494

■ 27.2935, 37.3892,
58.0036

■ 28.6303, 38.6551,
58.1774

■ 30.4079, 40.1560,
58.3735

■ 32.6702, 41.9147,
58.5937

■ 35.4557, 43.9511,
58.8399

■ 38.7989, 46.2829,
59.1138

■ 42.7315, 48.9265,
59.4168

■ 47.2828, 51.8970,
59.7503

Harmonies

Analogous

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



24.2647, 35.4298, 40.5229



25.6859, 35.4298, 57.7094



29.2369, 35.4298, 72.1953

Triad

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



25.6859, 35.4298, 57.7094



43.9629, 35.4298, 53.4808



33.0111, 35.4298, 15.7135

Complementary

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



25.6859, 35.4298, 57.7094



22.9989, 12.2030, 1.1443

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.



38.5408, 35.4298, 17.4524



25.6859, 35.4298, 57.7094



45.2492, 35.4298, 36.6945

Square

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



25.6859, 35.4298, 57.7094



39.8213, 35.4298, 69.3274



43.1694, 35.4298, 24.2232



28.1960, 35.4298, 18.6048

Rectangle

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



25.6859, 35.4298, 57.7094



32.5308, 35.4298, 76.7400



43.1694, 35.4298, 24.2232



34.8456, 35.4298, 15.7809

Sweetspot

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



25.6870, 35.4311, 57.7103



69.9645, 83.6231, 107.0611



19.8370, 39.5191, 7.0872



14.3976, 17.4997, 22.8689



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.



25.6870, 35.4311, 57.7103



46.4242, 63.9684, 104.5081



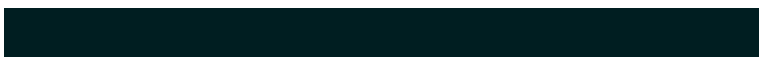
12.9583, 9.9736, 53.4674



10.2824, 11.2561, 12.9155



16.5391, 22.8346, 37.0924



0.7393, 1.0360, 1.6109

Inverse Universe

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



30.7017, 14.9111, 42.8563



55.5620, 26.9888, 77.3485



28.8223, 23.8496, 3.0854



10.4538, 10.2301, 12.4805



19.7441, 9.5874, 27.6283



0.8655, 0.4192, 1.2593

Previews

White Background



This preview shows how the XYZ color 25.6859, 35.4298, 57.7094 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 25.6859, 35.4298, 57.7094 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

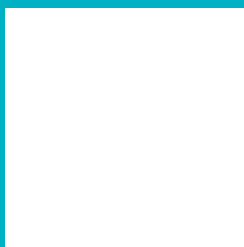
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6859, 35.4298, 57.7094

Background



This preview shows how black text looks on a background with the XYZ color 25.6859, 35.4298, 57.7094.

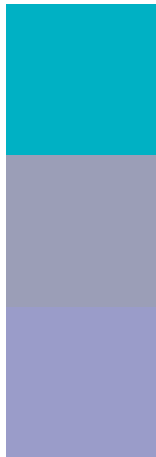


This preview shows how white text looks on a background with the XYZ color 25.6859, 35.4298,

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

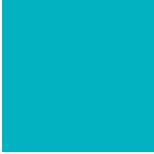
25.6859, 35.4298, 57.7094

Protanopia

34.2917, 34.8412, 49.7174

Deuteranopia

35.7575, 34.8640, 60.1031



Tritanopia

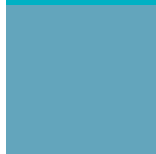
25.2366, 35.2501, 55.3430

Trichromacy



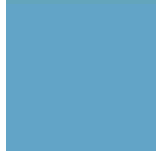
Original Color

25.6859, 35.4298, 57.7094



Protanomaly

27.6778, 33.1938, 52.5252



Deuteranomaly

28.6213, 33.2711, 58.9463



Tritanomaly

25.3478, 35.2945, 55.9286

Monochromacy



Original Color

25.6859, 35.4298, 57.7094



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

19.0196, 24.1906, 32.9450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6859, 35.4298, 57.7094 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 196) }
```

Border

The CSS property to change the border of an element to XYZ 25.6859, 35.4298, 57.7094 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, 196) }
```


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

```
.border{ border-color:rgb(0, 177, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6859, 35.4298, 57.7094 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, 196) }
```

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

```
.background{ background-color: rgb(0, 177,  
196) }
```

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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