

Converting Colors

XYZ(23.2529, 33.8093, 58.8815)

Have a look what the booklet for
XYZ(23.2529, 33.8093, 58.8815)
contains.

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Color

**XYZ(25.7184, 35.1279,
58.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	00B0C6
RGB	0, 176, 198
RGB Percent	0%, 69%, 78%
CMY	0.9998, 0.3098, 0.2235
CMYK	1.00, 0.11, 0.00, 0.22
HSL	187°, 100%, 39%
HSV	187°, 100%, 78%
XYZ	25.7184, 35.1279, 58.8509
YIQ	125.8840, -111.9580, -30.4700

Conversions

Conversions Part 2

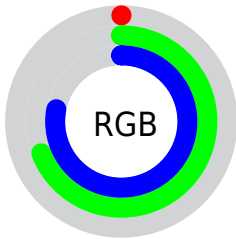
Format	Color
RYB	0, 93, 198
Decimal	45254
CIELab	65.85, -29.39, -21.80
CIElCh	66, 36.595, 216.559
Yxy	35.1279, 0.2149, 0.2935
Android (android.graphics.Color)	4278235334 (0xFF00B0C6)
YUV	125.8840, 35.5532, -110.4003
Hunter-Lab	59.2688, -26.2642, -17.3838

Details

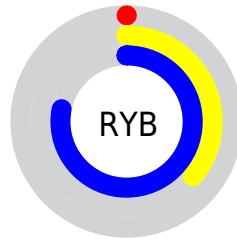
The XYZ color **25.7184, 35.1279, 58.8509** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **23.5770, 12.5815, 1.1871**, and the grayscale version is **19.7072, 20.7335, 22.5787**.

A 20% lighter version of the original color is **52.2734, 67.6999, 104.9200**, and **12.1170, 16.1795, 28.8699** is the 20% darker color. If you saturate the color by 10%, you get **25.7180, 35.1269, 58.8514**, and if you desaturate by 10%, it is **26.4393, 36.1459, 59.0101**.

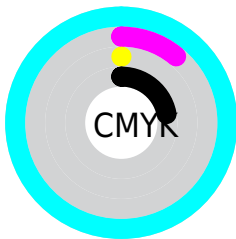
Distribution



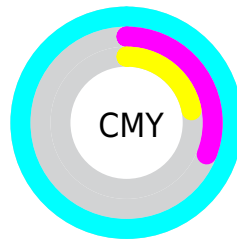
- Red (0%)
- Green (69%)
- Blue (78%)



- Red (0%)
- Yellow (36%)
- Blue (78%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7184, 35.1279, 58.8509 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 25.7184, 35.1279, 58.8509 by changing the saturation by 10% instead.

■ 25.7184, 35.1279,
58.8509

■ 25.7184, 35.1279,
58.8509

273.6791,
325.1325, 438.0356

■ 16.7447, 23.7614,
42.0739

■ 52.2549, 67.6839,
104.6879

■ 10.1468, 15.1567,
28.8331

■ 70.5483, 89.6421,
134.5850

■ 5.5594, 8.9295,
18.7101

■ 92.6790, 115.8998,
169.6925

■ 2.6172, 4.6952,
11.2863

■ 119.0123,
146.8412, 210.4290

■ 0.9547, 2.0696,
6.1432

■ 149.9136,
182.8508, 257.2131

■ 0.0000, 0.6474,
2.8621

185.7483,

■ 0.0000, 0.0000,

224.3129, 310.4631

1.0247

226.8817,
271.6120, 370.5978

■ 0.0000, 0.0000,
0.0000

■ 25.7184, 35.1279,
58.8509

■ 25.7184, 35.1279,
58.8509

■ 25.7180, 35.1269,
58.8514

■ 26.4393, 36.1459,
59.0101

■ 27.4573, 37.3268,
59.1844

■ 28.8752, 38.7244,
59.3794

■ 30.7461, 40.3660,
59.5976

■ 33.1150, 42.2750,
59.8413

■ 36.0215, 44.4716,
60.1121

■ 39.5009, 46.9743,
60.4118

■ 43.5857, 49.7998,
60.7418

■ 48.3060, 52.9637,
61.1037

Harmonies

Analogous

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



24.0933, 35.1279, 41.7487



25.7184, 35.1279, 58.8509



29.4230, 35.1279, 72.5587

Triad

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



25.7184, 35.1279, 58.8509



43.8564, 35.1279, 51.3487



32.2153, 35.1279, 15.6489

Complementary

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



25.7184, 35.1279, 58.8509



23.5770, 12.5815, 1.1871

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.



37.6941, 35.1279, 16.9284



25.7184, 35.1279, 58.8509



44.8101, 35.1279, 34.9493

Square

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



25.7184, 35.1279, 58.8509



39.9669, 35.1279, 67.4740



42.4484, 35.1279, 23.1211



27.5738, 35.1279, 18.9799

Rectangle

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



25.7184, 35.1279, 58.8509



32.7682, 35.1279, 76.3025



42.4484, 35.1279, 23.1211



34.0156, 35.1279, 15.5712

Sweetspot

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



25.7195, 35.1292, 58.8518



69.6327, 82.9595, 106.9505



20.3197, 40.4389, 7.3890



14.3171, 17.3386, 22.8420



0.0000, 0.0000, 0.0000



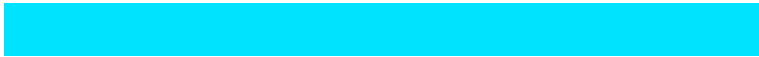
20.3446, 21.4041, 23.3091

Same Dimension

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



25.7195, 35.1292, 58.8518



45.4267, 61.9735, 104.1756



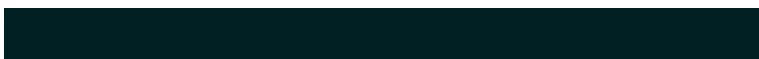
13.0062, 9.7024, 54.6140



10.8422, 11.8584, 13.6350



16.7639, 22.9218, 38.2852



0.8232, 1.1442, 1.8226

Inverse Universe

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



31.1262, 15.1416, 42.3576



55.0585, 26.7874, 74.6973



29.8645, 25.1566, 3.2830



11.0304, 10.7955, 13.1432



20.2610, 9.8540, 27.6480



0.9742, 0.4725, 1.3874

Previews

White Background



This preview shows how the XYZ color 25.7184, 35.1279, 58.8509 looks on a white background.

Color Contrast Check

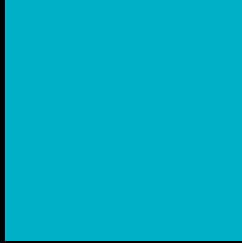
Large Text (above 18pt) WCAG AA × Fail

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 25.7184, 35.1279, 58.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

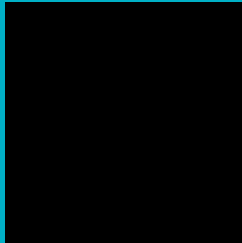
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7184, 35.1279, 58.8509

Background



This preview shows how black text looks on a background with the XYZ color 25.7184, 35.1279, 58.8509.



This preview shows how white text looks on a background with the XYZ color 25.7184, 35.1279,

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

25.7184, 35.1279, 58.8509

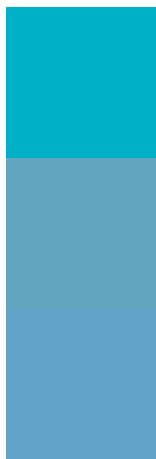
Protanopia

34.3102, 34.8265, 50.8128

Deuteranopia

35.6169, 34.7641, 61.3329

Trichromacy



Original Color

25.7184, 35.1279, 58.8509

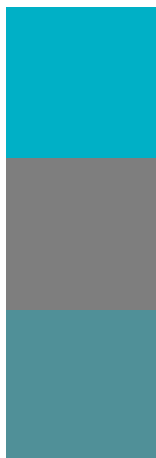
Protanomaly

27.7864, 33.2246, 53.6637

Deuteranomaly

28.5696, 32.9528, 60.1131

Monochromacy



Original Color

25.7184, 35.1279, 58.8509

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.9490, 23.9190, 33.3239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7184, 35.1279, 58.8509 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, 176, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 198)  
}
```

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, 176, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.7184, 35.1279, 58.8509 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, 176, 198) }
```

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

```
.border{ border-color:rgb(0, 176, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
198) }
```


Background

The CSS property to change the background color of an element to XYZ 25.7184, 35.1279, 58.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 198) }
```

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

```
.background{ background-color: rgb(0, 176,  
198) }
```

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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