

Converting Colors

XYZ(25.1122, 34.8233, 55.8501)

Have a look what the booklet for
XYZ(25.1122, 34.8233, 55.8501)
contains.

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Color

**XYZ(25.1510, 34.9009,
55.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	00B0C1
RGB	0, 176, 193
RGB Percent	0%, 69%, 76%
CMY	0.9998, 0.3098, 0.2431
CMYK	1.00, 0.09, 0.00, 0.24
HSL	185°, 100%, 38%
HSV	185°, 100%, 76%
XYZ	25.1510, 34.9009, 55.8630
YIQ	125.3140, -110.3530, -32.0250

Conversions

Conversions Part 2

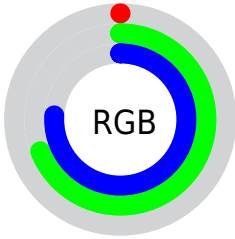
Format	Color
RYB	0, 92, 193
Decimal	45249
CIELab	65.67, -31.03, -19.30
CIELCh	66, 36.540, 211.877
Yxy	34.9009, 0.2170, 0.3011
Android (android.graphics.Color)	4278235329 (0xFF00B0C1)
YUV	125.3140, 33.3692, -109.9004
Hunter-Lab	59.0770, -27.3914, -14.7105

Details

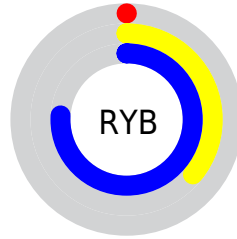
The XYZ color **25.1510, 34.9009, 55.8630** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **22.1940, 11.7400, 1.0976**, and the grayscale version is **19.5214, 20.5380, 22.3659**.

A 20% lighter version of the original color is **51.2110, 67.2621, 99.9063**, and **11.7432, 16.0300, 26.9013** is the 20% darker color. If you saturate the color by 10%, you get **25.1508, 34.9003, 55.8636**, and if you desaturate by 10%, it is **25.7624, 35.7148, 55.9885**.

Distribution



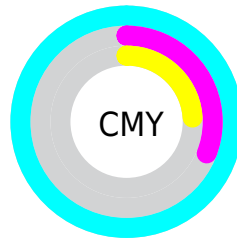
- Red (0%)
- Green (69%)
- Blue (76%)



- Red (0%)
- Yellow (36%)
- Blue (76%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)





- Cyan (100%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1510, 34.9009, 55.8630 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 25.1510, 34.9009, 55.8630 by changing the saturation by 10% instead.


 25.1510, 34.9009,
55.8630

 25.1510, 34.9009,
55.8630


270.9229,
324.1307, 426.5488


 16.3189, 23.5865,
39.6898

 51.3432, 67.3322,
100.2880


 9.8424, 15.0272,
26.9849

 69.4341, 89.2180,
129.3770

 5.3560, 8.8385,
17.3295


 91.3419, 115.3963,
163.6083

 2.4945, 4.6360,
10.3053

 117.4320,
146.2516, 203.4005

 0.8925, 2.0353,
5.4936

 148.0698,
182.1684, 249.1721

 0.0000, 0.6279,
2.4759

183.6207,

 0.0000, 0.0000,

223.5308, 301.3416

0.8274

224.4499,
270.7235, 360.3277

■ 0.0000, 0.0000,
0.0000

■ 25.1510, 34.9009,
55.8630

■ 25.1510, 34.9009,
55.8630

■ 25.1508, 34.9003,
55.8636

■ 25.7624, 35.7148,
55.9885

■ 26.6501, 36.6767,
56.1274

■ 27.9124, 37.8379,
56.2850

■ 29.5992, 39.2243,
56.4637

■ 31.7526, 40.8574,
56.6655

■ 34.4097, 42.7566,
56.8920

■ 37.6037, 44.9389,
57.1449

■ 41.3652, 47.4200,
57.4255

■ 45.7222, 50.2146,
57.7353

Harmonies

Analogous

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



23.8822, 34.9009, 38.9786



25.1510, 34.9009, 55.8630



28.5376, 34.9009, 70.5185

Triad

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



25.1510, 34.9009, 55.8630



43.1418, 34.9009, 53.7206



32.8350, 34.9009, 15.4393

Complementary

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



25.1510, 34.9009, 55.8630



22.1940, 11.7400, 1.0976

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.



38.2833, 34.9009, 17.4260



25.1510, 34.9009, 55.8630



44.6044, 34.9009, 37.0401

Square

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



25.1510, 34.9009, 55.8630



38.9319, 34.9009, 69.0650



42.7398, 34.9009, 24.4213



28.0107, 34.9009, 18.0087

Rectangle

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



25.1510, 34.9009, 55.8630



31.7341, 34.9009, 75.4553



42.7398, 34.9009, 24.4213



34.6532, 34.9009, 15.5939

Sweetspot

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



25.1521, 34.9022, 55.8639



67.0422, 80.2798, 102.3224



19.1652, 38.1785, 6.8542



13.8399, 16.8551, 21.9092



92.9021, 97.7402, 106.4391



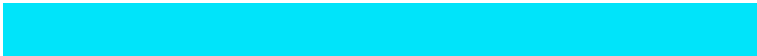
19.4759, 20.4902, 22.3138

Same Dimension

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



25.1521, 34.9022, 55.8639



44.9513, 62.3192, 100.0199



12.5276, 9.6531, 51.6557



10.2902, 11.2718, 12.9181



16.7579, 23.2723, 37.1654



0.7467, 1.0509, 1.6134

Inverse Universe

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



29.8298, 14.4733, 42.2969



53.3761, 25.9006, 75.5009



27.8538, 23.0595, 2.9842



10.4578, 10.2317, 12.5013



19.8546, 9.6316, 28.2100



0.8693, 0.4207, 1.2791

Previews

White Background



This preview shows how the XYZ color 25.1510, 34.9009, 55.8630 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 25.1510, 34.9009, 55.8630 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

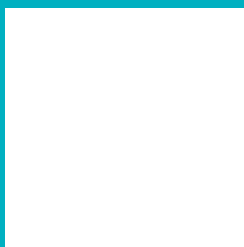
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1510, 34.9009, 55.8630

Background



This preview shows how black text looks on a background with the XYZ color 25.1510, 34.9009, 55.8630.



This preview shows how white text looks on a background with the XYZ color 25.1510, 34.9009,

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

25.1510, 34.9009, 55.8630

Protanopia

33.9150, 34.4187, 48.5720

Deuteranopia

35.2408, 34.3899, 58.2066



Tritanopia

24.9293, 34.8123, 54.6957

Trichromacy



Original Color

25.1510, 34.9009, 55.8630



Protanomaly

27.1780, 32.7064, 50.7795



Deuteranomaly

28.0980, 32.7766, 57.0701



Tritanomaly

25.0398, 34.8564, 55.2774

Monochromacy



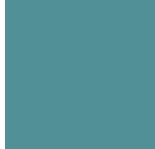
Original Color

25.1510, 34.9009, 55.8630



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

18.7865, 23.8540, 32.4683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1510, 34.9009, 55.8630 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 193) }
```

Border

The CSS property to change the border of an element to XYZ 25.1510, 34.9009, 55.8630 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, 193) }
```


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

```
.border{ border-color:rgb(0, 176, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1510, 34.9009, 55.8630 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, 193) }
```

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

```
.background{ background-color: rgb(0, 176,  
193) }
```

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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