

Converting Colors

XYZ(21.6772, 33.1752, 56.9432)

Have a look what the booklet for
XYZ(21.6772, 33.1752, 56.9432)
contains.

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Color

**XYZ(25.3757, 34.9908,
57.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	00B0C3
RGB	0, 176, 195
RGB Percent	0%, 69%, 76%
CMY	0.9998, 0.3098, 0.2353
CMYK	1.00, 0.10, 0.00, 0.24
HSL	186°, 100%, 38%
HSV	186°, 100%, 76%
XYZ	25.3757, 34.9908, 57.0462
YIQ	125.5420, -110.9950, -31.4030

Conversions

Conversions Part 2

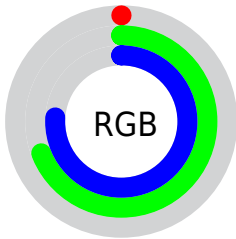
Format	Color
RYB	0, 93, 195
Decimal	45251
CIELab	65.74, -30.38, -20.30
CIELCh	66, 36.536, 213.751
Yxy	34.9908, 0.2161, 0.2980
Android (android.graphics.Color)	4278235331 (0xFF00B0C3)
YUV	125.5420, 34.2428, -110.1003
Hunter-Lab	59.1530, -26.9441, -15.7712

Details

The XYZ color **25.3757, 34.9908, 57.0462** 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 **22.7398, 12.0696, 1.1325**, and the grayscale version is **19.5956, 20.6161, 22.4510**.

A 20% lighter version of the original color is **51.7941, 67.5082, 102.3960**, and **11.8907, 16.0890, 27.6781** is the 20% darker color. If you saturate the color by 10%, you get **25.3754, 34.9900, 57.0467**, and if you desaturate by 10%, it is **26.0308, 35.8863, 57.1852**.

Distribution



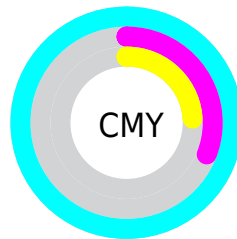
- Red (0%)
- Green (69%)
- Blue (76%)



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



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3757, 34.9908, 57.0462 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 25.3757, 34.9908, 57.0462 by changing the saturation by 10% instead.

■ 25.3757, 34.9908,
57.0462

■ 25.3757, 34.9908,
57.0462

272.0171,
324.5277, 431.1210

■ 16.4874, 23.6558,
40.6327

■ 51.7046, 67.4715,
102.0336

■ 9.9627, 15.0785,
27.7147

■ 69.8759, 89.3860,
131.4446

■ 5.4363, 8.8745,
17.8735

■ 91.8722, 115.5958,
166.0252

■ 2.5428, 4.6594,
10.6907

■ 118.0590,
146.4852, 206.1939

■ 0.9169, 2.0488,
5.7477

■ 148.8015,
182.4388, 252.3693

■ 0.0000, 0.6356,
2.6260

184.4651,

■ 0.0000, 0.0000,

223.8408, 304.9700

0.9058

225.4152,
271.0756, 364.4143

■ 0.0000, 0.0000,
0.0000

■ 25.3757, 34.9908,
57.0462

■ 25.3757, 34.9908,
57.0462

■ 25.3754, 34.9900,
57.0467

■ 26.0308, 35.8863,
57.1852

■ 26.9704, 36.9354,
57.3382

■ 28.2946, 38.1907,
57.5107

■ 30.0544, 39.6784,
57.7051

■ 32.2933, 41.4209,
57.9234

■ 35.0491, 43.4378,
58.1675

■ 38.3560, 45.7467,
58.4388

■ 42.2454, 48.3639,
58.7390

■ 46.7460, 51.3041,
59.0693

Harmonies

Analogous

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



23.9652, 34.9908, 40.0705



25.3757, 34.9908, 57.0462



28.8885, 34.9908, 71.3319

Triad

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



25.3757, 34.9908, 57.0462



43.4267, 34.9908, 52.7638



32.5854, 34.9908, 15.5210

Complementary

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



25.3757, 34.9908, 57.0462



22.7398, 12.0696, 1.1325

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.



38.0466, 34.9908, 17.2240



25.3757, 34.9908, 57.0462



44.6868, 34.9908, 36.1933

Square

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



25.3757, 34.9908, 57.0462



39.3434, 34.9908, 68.4275



42.6231, 34.9908, 23.8940



27.8344, 34.9908, 18.3913

Rectangle

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



25.3757, 34.9908, 57.0462



32.1442, 34.9908, 75.7959



42.6231, 34.9908, 23.8940



34.3966, 34.9908, 15.5830

Sweetspot

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



25.3768, 34.9921, 57.0471



68.3821, 81.7174, 104.6387



19.6117, 39.0693, 7.0092



14.3947, 17.4939, 22.8679



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.



25.3768, 34.9921, 57.0471



45.3438, 62.4602, 102.1359



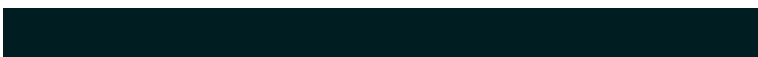
12.8141, 9.8666, 52.8595



10.2820, 11.2552, 12.9154



16.5267, 22.8099, 37.0883



0.7389, 1.0351, 1.6107

Inverse Universe

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



30.3432, 14.7379, 42.3209



54.2906, 26.3726, 75.5173



28.4976, 23.5851, 3.0517



10.4536, 10.2301, 12.4793



19.7379, 9.5849, 27.5955



0.8653, 0.4191, 1.2582

Previews

White Background



This preview shows how the XYZ color 25.3757, 34.9908, 57.0462 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 25.3757, 34.9908, 57.0462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

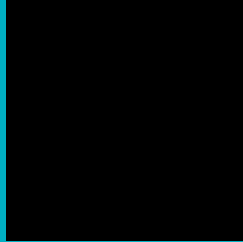
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3757, 34.9908, 57.0462

Background



This preview shows how black text looks on a background with the XYZ color 25.3757, 34.9908, 57.0462.



This preview shows how white text looks on a background with the XYZ color 25.3757, 34.9908,

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

25.3757, 34.9908, 57.0462

Protanopia

33.8269, 34.3614, 49.1055

Deuteranopia

35.4507, 34.7194, 59.4766



Tritanopia

24.9293, 34.8123, 54.6957

Trichromacy



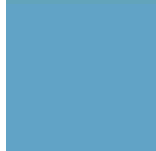
Original Color

25.3757, 34.9908, 57.0462



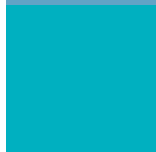
Protanomaly

27.2821, 32.7354, 51.8944



Deuteranomaly

28.2200, 32.8130, 58.2723



Tritanomaly

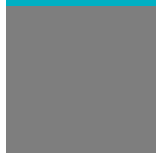
25.0398, 34.8564, 55.2774

Monochromacy



Original Color

25.3757, 34.9908, 57.0462



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

18.8674, 23.8864, 32.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3757, 34.9908, 57.0462 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 195) }
```

Border

The CSS property to change the border of an element to XYZ 25.3757, 34.9908, 57.0462 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, 195) }
```


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

```
.border{ border-color:rgb(0, 176, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 176, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 176, 195); box-shadow:4px 4px 4px 4px rgb(0, 176, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3757, 34.9908, 57.0462 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, 195) }
```

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

```
.background{ background-color: rgb(0, 176,  
195) }
```

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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