

Converting Colors

XYZ(25.1899, 35.2894, 54.9185)

Have a look what the booklet for
XYZ(25.1899, 35.2894, 54.9185)
contains.

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Color

**XYZ(25.1261, 35.2059,
54.7613)**

Conversions

Conversions Part 1

Format	Color
Hex	00B1BF
RGB	0, 177, 191
RGB Percent	0%, 69%, 75%
CMY	0.9999, 0.3059, 0.2510
CMYK	1.00, 0.07, 0.00, 0.25
HSL	184°, 100%, 37%
HSV	184°, 100%, 75%
XYZ	25.1261, 35.2059, 54.7613
YIQ	125.6730, -109.9860, -33.1700

Conversions

Conversions Part 2

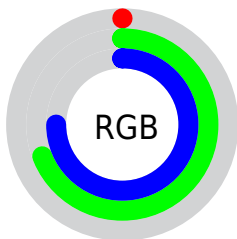
Format	Color
RYB	0, 92, 191
Decimal	45503
CIELab	65.91, -32.16, -17.83
CIELCh	66, 36.769, 209.004
Yxy	35.2059, 0.2183, 0.3059
Android (android.graphics.Color)	4278235583 (0xFF00B1BF)
YUV	125.6730, 32.2062, -110.2152
Hunter-Lab	59.3346, -28.2470, -13.1860

Details

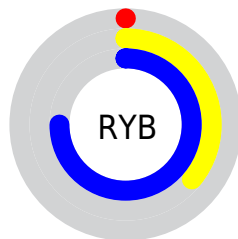
The XYZ color **25.1261, 35.2059, 54.7613** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.6439, 11.3916, 1.0591**, and the grayscale version is **19.6455, 20.6686, 22.5081**.

A 20% lighter version of the original color is **51.1829, 67.7026, 98.3660**, and **11.7951, 16.2503, 26.5597** is the 20% darker color. If you saturate the color by 10%, you get **25.1262, 35.2058, 54.7620**, and if you desaturate by 10%, it is **25.6760, 35.9028, 54.8675**.

Distribution



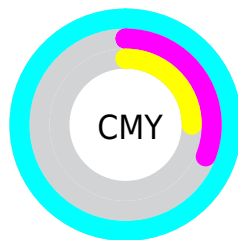
- Red (0%)
- Green (69%)
- Blue (75%)



- Red (0%)
- Yellow (36%)
- Blue (75%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1261, 35.2059, 54.7613 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 25.1261, 35.2059, 54.7613 by changing the saturation by 10% instead.

■ 25.1261, 35.2059,
54.7613

■ 25.1261, 35.2059,
54.7613

270.8014,
325.4762, 422.2629

■ 16.3003, 23.8215,
38.8133

■ 51.3031, 67.8046,
98.6588

■ 9.8291, 15.2013,
26.3078

■ 69.3851, 89.7877,
127.4454

■ 5.3472, 8.9608,
16.8262

■ 91.2830, 116.0726,
161.3486

■ 2.4892, 4.7156,
9.9500

■ 117.3624,
147.0435, 200.7870

■ 0.8898, 2.0814,
5.2607

■ 147.9886,
183.0850, 246.1790

■ 0.0000, 0.6541,
2.3396

183.5269,

■ 0.0000, 0.0000,

224.5813, 297.9434

0.7533

224.3428,
271.9169, 356.4985

■ 0.0000, 0.0000,
0.0000

■ 25.1261, 35.2059,
54.7613

■ 25.1261, 35.2059,
54.7613

■ 25.1262, 35.2058,
54.7620

■ 25.6760, 35.9028,
54.8675

■ 26.4937, 36.7412,
54.9862

■ 27.6759, 37.7718,
55.1228

■ 29.2712, 39.0196,
55.2796

■ 31.3207, 40.5058,
55.4585

■ 33.8603, 42.2489,
55.6611

■ 36.9226, 44.2658,
55.8890

■ 40.5373, 46.5717,
56.1435

■ 44.7316, 49.1808,
56.4261

Harmonies

Analogous

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



24.0596, 35.2059, 37.8153



25.1261, 35.2059, 54.7613



28.3618, 35.2059, 70.1541

Triad

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



25.1261, 35.2059, 54.7613



43.2480, 35.2059, 55.9123



33.6441, 35.2059, 15.5131

Complementary

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



25.1261, 35.2059, 54.7613



21.6439, 11.3916, 1.0591

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.



39.1400, 35.2059, 17.9691



25.1261, 35.2059, 54.7613



45.0417, 35.2059, 38.8559

Square

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



25.1261, 35.2059, 54.7613



38.7918, 35.2059, 70.9354



43.4639, 35.2059, 25.5708



28.6445, 35.2059, 17.6570

Rectangle

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



25.1261, 35.2059, 54.7613



31.5074, 35.2059, 75.8776



43.4639, 35.2059, 25.5708



35.4961, 35.2059, 15.8133

Sweetspot

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



25.1272, 35.2072, 54.7622



65.8337, 79.0888, 100.0750



18.7027, 37.2908, 6.5851



13.9210, 17.0174, 21.9363



92.9021, 97.7402, 106.4391



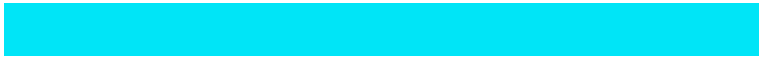
19.4759, 20.4902, 22.3138

Same Dimension

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



25.1272, 35.2072, 54.7622



44.9223, 62.8964, 98.0517



12.4817, 9.9161, 50.5470



9.7471, 10.6865, 12.2212



16.5379, 23.1876, 35.9969



0.6658, 0.9444, 1.4160

Inverse Universe

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



29.4226, 14.2518, 42.7964



52.6547, 25.5072, 76.4367



26.8753, 21.8546, 2.8030



9.8990, 9.6839, 11.8569



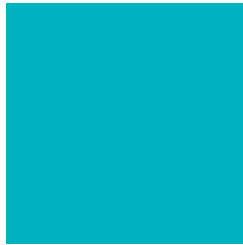
19.3484, 9.3705, 28.1917



0.7670, 0.3707, 1.1523

Previews

White Background



This preview shows how the XYZ color 25.1261, 35.2059, 54.7613 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 25.1261, 35.2059, 54.7613 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

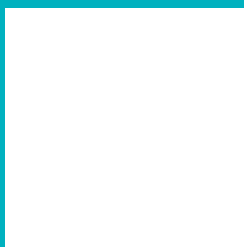
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1261, 35.2059, 54.7613

Background



This preview shows how black text looks on a background with the XYZ color 25.1261, 35.2059, 54.7613.

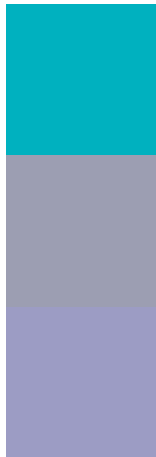


This preview shows how white text looks on a background with the XYZ color 25.1261, 35.2059,

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

25.1261, 35.2059, 54.7613

Protanopia

33.9730, 34.7360, 47.0336

Deuteranopia

35.5626, 34.8304, 57.0731



Tritanopia

25.2012, 35.2446, 54.7649

Trichromacy



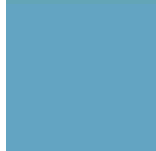
Original Color

25.1261, 35.2059, 54.7613



Protanomaly

27.1480, 32.9818, 49.7350



Deuteranomaly

28.1587, 33.0986, 55.9435



Tritanomaly

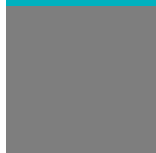
25.1762, 35.2317, 54.7637

Monochromacy



Original Color

25.1261, 35.2059, 54.7613



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

18.9387, 24.1583, 32.5190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1261, 35.2059, 54.7613 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.1261, 35.2059, 54.7613 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, 191) }
```


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

```
.border{ border-color:rgb(0, 177, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1261, 35.2059, 54.7613 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, 191) }
```

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

```
.background{ background-color: rgb(0, 177,  
191) }
```

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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