

Converting Colors

XYZ(25.0282, 34.0505, 57.6870)

Have a look what the booklet for
XYZ(25.0282, 34.0505, 57.6870)
contains.

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Color

**XYZ(24.9074, 33.8727,
57.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADC4
RGB	0, 173, 196
RGB Percent	0%, 68%, 77%
CMY	0.9998, 0.3216, 0.2314
CMYK	1.00, 0.12, 0.00, 0.23
HSL	187°, 100%, 38%
HSV	187°, 100%, 77%
XYZ	24.9074, 33.8727, 57.4499
YIQ	123.8950, -110.4910, -29.5230

Conversions

Conversions Part 2

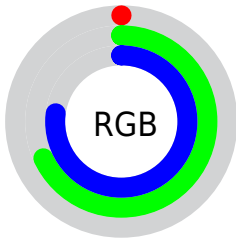
Format	Color
RYB	0, 92, 196
Decimal	44484
CIELab	64.86, -28.58, -22.20
CIELCh	65, 36.184, 217.836
Yxy	33.8727, 0.2143, 0.2914
Android (android.graphics.Color)	4278234564 (0xFF00ADC4)
YUV	123.8950, 35.5478, -108.6559
Hunter-Lab	58.2003, -25.4595, -17.7854

Details

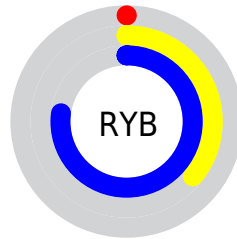
The XYZ color **24.9074, 33.8727, 57.4499** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **23.0727, 12.3504, 1.1690**, and the grayscale version is **19.0396, 20.0312, 21.8139**.

A 20% lighter version of the original color is **51.1158, 65.8972, 102.9538**, and **11.5990, 15.3859, 27.9496** is the 20% darker color. If you saturate the color by 10%, you get **24.9070, 33.8717, 57.4504**, and if you desaturate by 10%, it is **25.6342, 34.9085, 57.6122**.

Distribution



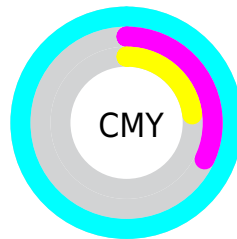
- Red (0%)
- Green (68%)
- Blue (77%)



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



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9074, 33.8727, 57.4499 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 24.9074, 33.8727, 57.4499 by changing the saturation by 10% instead.

■ 24.9074, 33.8727,
57.4499

■ 24.9074, 33.8727,
57.4499

269.7326,
319.5641, 432.6739

■ 16.1364, 22.7958,
40.9548

■ 50.9509, 65.7357,
102.6282

■ 9.7122, 14.4428,
27.9643

■ 68.9542, 87.2905,
132.1485

■ 5.2694, 8.4293,
18.0600

■ 90.7657, 113.1068,
166.8475

■ 2.4425, 4.3708,
10.8232

■ 116.7506,
143.5690, 207.1440

■ 0.8664, 1.8831,
5.8354

■ 147.2744,
179.0614, 253.4563

■ 0.0000, 0.5382,
2.6781

182.7025,

■ 0.0000, 0.0000,

219.9685, 306.2030

0.9324

223.4001,
266.6746, 365.8027

■ 0.0000, 0.0000,
0.0000

■ 24.9074, 33.8727,
57.4499

■ 24.9074, 33.8727,
57.4499

■ 24.9070, 33.8717,
57.4504

■ 25.6342, 34.9085,
57.6122

■ 26.6514, 36.1047,
57.7895

■ 28.0600, 37.5142,
57.9873

■ 29.9120, 39.1635,
58.2080

■ 32.2510, 41.0755,
58.4538

■ 35.1157, 43.2700,
58.7264

■ 38.5406, 45.7649,
59.0274

■ 42.5573, 48.5766,
59.3584

■ 47.1952, 51.7202,
59.7208

Harmonies

Analogous

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



23.2481, 33.8727, 40.9370



24.9074, 33.8727, 57.4499



28.5584, 33.8727, 70.3813

Triad

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



24.9074, 33.8727, 57.4499



42.4026, 33.8727, 48.8108



30.8472, 33.8727, 15.1206

Complementary

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



24.9074, 33.8727, 57.4499



23.0727, 12.3504, 1.1690

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.



36.1279, 33.8727, 16.1669



24.9074, 33.8727, 57.4499



43.1852, 33.8727, 33.1033

Square

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



24.9074, 33.8727, 57.4499



38.7457, 33.8727, 64.5280



40.7812, 33.8727, 21.9221



26.4277, 33.8727, 18.5330

Rectangle

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



24.9074, 33.8727, 57.4499



31.8178, 33.8727, 73.6642



40.7812, 33.8727, 21.9221



32.5751, 33.8727, 14.9843

Sweetspot

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



24.9085, 33.8739, 57.4507



69.4874, 82.6689, 106.9021



19.8944, 39.5421, 7.3894



14.2818, 17.2682, 22.8303



0.0000, 0.0000, 0.0000



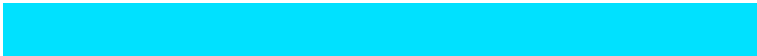
20.3446, 21.4041, 23.3091

Same Dimension

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



24.9085, 33.8739, 57.4507



44.9947, 61.1093, 104.0316



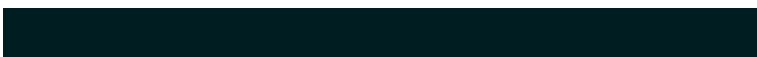
12.4914, 9.0397, 53.3117



10.2644, 11.2201, 12.9095



16.0448, 21.8460, 36.9277



0.7224, 1.0021, 1.6052

Inverse Universe

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



30.3088, 14.7541, 40.7868



54.8404, 26.7002, 73.5488



29.5887, 25.3825, 3.3410



10.4447, 10.2265, 12.4326



19.4946, 9.4876, 26.3145



0.8570, 0.4158, 1.2144

Previews

White Background



This preview shows how the XYZ color 24.9074, 33.8727, 57.4499 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 24.9074, 33.8727, 57.4499 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

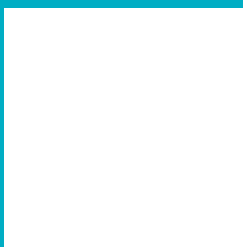
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9074, 33.8727, 57.4499

Background



This preview shows how black text looks on a background with the XYZ color 24.9074, 33.8727, 57.4499.



This preview shows how white text looks on a background with the XYZ color 24.9074, 33.8727,

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

24.9074, 33.8727, 57.4499

Protanopia

33.1356, 33.4827, 50.0638

Deuteranopia

34.1937, 33.5772, 59.3224

Trichromacy



Original Color

24.9074, 33.8727, 57.4499

Protanomaly

26.8213, 31.9583, 52.3319

Deuteranomaly

27.6698, 31.9929, 58.7497

Monochromacy



Original Color

24.9074, 33.8727, 57.4499

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4025, 23.2103, 32.3643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9074, 33.8727, 57.4499 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, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 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, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 196) }
```

Border

The CSS property to change the border of an element to XYZ 24.9074, 33.8727, 57.4499 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, 173, 196) }
```

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

```
.border{ border-color:rgb(0, 173, 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, 173, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
196) }
```


Background

The CSS property to change the background color of an element to XYZ 24.9074, 33.8727, 57.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 196) }
```

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

```
.background{ background-color: rgb(0, 173,  
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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