

Converting Colors

XYZ(25.0812, 32.1424, 63.9137)

Have a look what the booklet for
XYZ(25.0812, 32.1424, 63.9137)
contains.

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Color

**XYZ(25.0812, 32.1424,
63.9137)**

Conversions

Conversions Part 1

Format	Color
Hex	00A7CF
RGB	0, 167, 207
RGB Percent	0%, 65%, 81%
CMY	0.9998, 0.3451, 0.1882
CMYK	1.00, 0.19, 0.00, 0.19
HSL	192°, 100%, 41%
HSV	192°, 100%, 81%
XYZ	25.0812, 32.1424, 63.9137
YIQ	121.6270, -112.3720, -22.9640

Conversions

Conversions Part 2

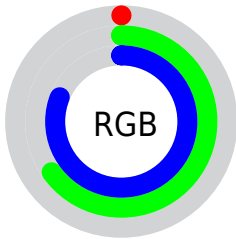
Format	Color
RYB	0, 92, 207
Decimal	42959
CIELab	63.46, -21.80, -30.46
CIElCh	63, 37.453, 234.412
Yxy	32.1424, 0.2070, 0.2653
Android (android.graphics.Color)	4278233039 (0xFF00A7CF)
YUV	121.6270, 42.0889, -106.6669
Hunter-Lab	56.6943, -20.2477, -27.1540

Details

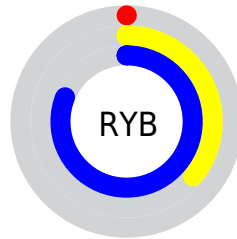
The XYZ color **25.0812, 32.1424, 63.9137** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **26.4931, 14.7864, 1.4591**, and the grayscale version is **18.2759, 19.2277, 20.9389**.

A 20% lighter version of the original color is **49.6508, 62.2873, 104.0135**, and **11.7982, 14.5285, 31.8882** is the 20% darker color. If you saturate the color by 10%, you get **25.0800, 32.1398, 63.9139**, and if you desaturate by 10%, it is **26.1300, 33.7886, 64.1768**.

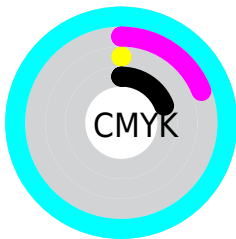
Distribution



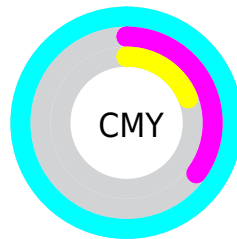
- Red (0%)
- Green (65%)
- Blue (81%)



- Red (0%)
- Yellow (36%)
- Blue (81%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0812, 32.1424, 63.9137 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 25.0812, 32.1424, 63.9137 by changing the saturation by 10% instead.

■ 25.0812, 32.1424,
63.9137

■ 25.0812, 32.1424,
63.9137

270.5823,
311.7674, 457.0768

■ 16.2666, 21.4703,
46.1350

■ 51.2309, 63.0343,
112.0849

■ 9.8051, 13.4682,
32.0030

■ 69.2967, 84.0228,
143.3145

■ 5.3312, 7.7517,
21.0989

■ 91.1769, 109.2189,
179.8649

■ 2.4796, 3.9365,
13.0044

■ 117.2369,
139.0071, 222.1546

■ 0.8850, 1.6381,
7.3008

■ 147.8421,
173.7716, 270.6021

■ 0.0000, 0.3831,
3.5696

183.3579,

■ 0.0000, 0.0000,

213.8969, 325.6259

1.3923

224.1495,
259.7674, 387.6446

■ 0.0000, 0.0000,
0.1357

■ 0.0000, 0.0000,
0.0000

■ 25.0812, 32.1424,
63.9137

■ 25.0812, 32.1424,
63.9137

■ 25.0800, 32.1398,
63.9139

■ 26.1300, 33.7886,
64.1768

■ 27.5257, 35.6471,
64.4620

■ 29.3796, 37.7760,
64.7752

■ 31.7512, 40.2064,
65.1193

■ 34.6909, 42.9645,
65.4967

■ 38.2432, 46.0734,
65.9096

■ 42.4476, 49.5539,
66.3598

■ 47.3405, 53.4250,
66.8491

■ 52.9555, 57.7043,
67.3792

Harmonies

Analogous

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



22.3027, 32.1424, 48.2514



25.0812, 32.1424, 63.9137



29.5849, 32.1424, 72.0418

Triad

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



25.0812, 32.1424, 63.9137



41.6500, 32.1424, 37.8675



26.5926, 32.1424, 14.8273

Complementary

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



25.0812, 32.1424, 63.9137



26.4931, 14.7864, 1.4591

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.



31.5367, 32.1424, 13.4985



25.0812, 32.1424, 63.9137



40.6156, 32.1424, 24.4246

Square

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



25.0812, 32.1424, 63.9137



39.4471, 32.1424, 54.4998



36.7619, 32.1424, 16.4604



23.1033, 32.1424, 20.8104

Rectangle

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



25.0812, 32.1424, 63.9137



33.1134, 32.1424, 70.8079



36.7619, 32.1424, 16.4604



28.1232, 32.1424, 13.9089

Sweetspot

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



25.0823, 32.1435, 63.9145



67.7483, 79.1907, 106.3224



22.6634, 44.7663, 9.2791



13.8611, 16.4268, 22.6901



0.0000, 0.0000, 0.0000



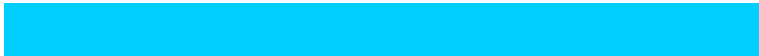
20.3446, 21.4041, 23.3091

Same Dimension

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



25.0823, 32.1435, 63.9145



40.0526, 51.2253, 102.3842



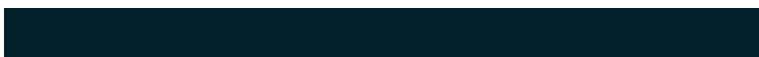
13.1872, 8.3533, 59.9495



11.9561, 13.0025, 15.1232



15.8679, 20.3824, 40.2904



0.9382, 1.2417, 2.2698

Inverse Universe

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



32.7082, 16.0567, 37.9355



52.3459, 25.7024, 60.4130



35.3264, 32.4531, 4.4036



12.2087, 11.9682, 14.3751



20.6401, 10.1289, 24.0747



1.1798, 0.5766, 1.4817

Previews

White Background



This preview shows how the XYZ color 25.0812, 32.1424, 63.9137 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 25.0812, 32.1424, 63.9137 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 25.0812, 32.1424, 63.9137

Background



This preview shows how black text looks on a background with the XYZ color 25.0812, 32.1424, 63.9137.

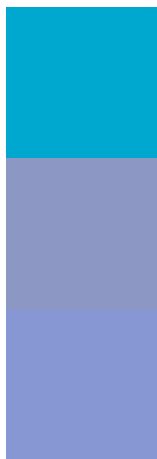


This preview shows how white text looks on a background with the XYZ color 25.0812, 32.1424,

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

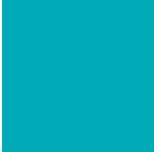
25.0812, 32.1424, 63.9137

Protanopia

31.9014, 31.7361, 56.0740

Deuteranopia

32.6560, 31.9047, 66.0651



Tritanopia

22.9220, 32.1683, 49.8007

Trichromacy



Original Color

25.0812, 32.1424, 63.9137



Protanomaly

26.5822, 30.4111, 58.5017



Deuteranomaly

27.4361, 30.6984, 65.4521



Tritanomaly

23.7024, 32.1817, 54.8316

Monochromacy



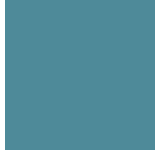
Original Color

25.0812, 32.1424, 63.9137



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

17.9801, 22.0966, 33.4544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0812, 32.1424, 63.9137 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, 167, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 207)  
}
```

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, 167, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 207) }
```

Border

The CSS property to change the border of an element to XYZ 25.0812, 32.1424, 63.9137 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, 167, 207) }
```


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

```
.border{ border-color:rgb(0, 167, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0812, 32.1424, 63.9137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 207) }
```

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

```
.background{ background-color: rgb(0, 167,  
207) }
```

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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