

Converting Colors

XYZ(25.3892, 32.3270, 65.2937)

Have a look what the booklet for
XYZ(25.3892, 32.3270, 65.2937)
contains.

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Color

**XYZ(25.3399, 32.2473,
65.2104)**

Conversions

Conversions Part 1

Format	Color
Hex	01A7D1
RGB	1, 167, 209
RGB Percent	0%, 65%, 82%
CMY	0.9959, 0.3451, 0.1804
CMYK	0.99, 0.20, 0.00, 0.18
HSL	192°, 99%, 41%
HSV	192°, 99%, 82%
XYZ	25.3399, 32.2473, 65.2104
YIQ	122.1540, -112.4180, -22.1300

Conversions

Conversions Part 2

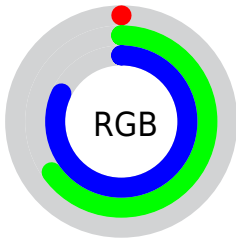
Format	Color
RYB	1, 93, 209
Decimal	108497
CIELab	63.55, -21.07, -31.43
CIELCh	64, 37.842, 236.167
Yxy	32.2473, 0.2064, 0.2626
Android (android.graphics.Color)	4278298577 (0xFF01A7D1)
YUV	122.1540, 42.8151, -106.2521
Hunter-Lab	56.7867, -19.7248, -28.3343

Details

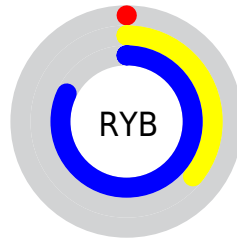
The XYZ color **25.3399, 32.2473, 65.2104** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **27.1664, 15.2895, 1.5496**, and the grayscale version is **18.4455, 19.4061, 21.1333**.

A 20% lighter version of the original color is **49.6508, 62.2873, 104.0135**, and **11.9635, 14.5946, 32.7583** is the 20% darker color. If you saturate the color by 10%, you get **25.2888, 32.1636, 65.1976**, and if you desaturate by 10%, it is **26.4437, 33.9837, 65.4880**.

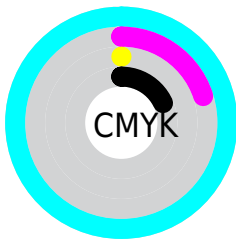
Distribution



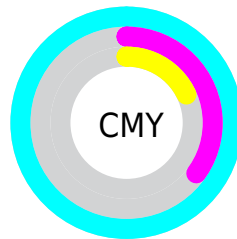
- Red (0%)
- Green (65%)
- Blue (82%)



- Red (0%)
- Yellow (36%)
- Blue (82%)



- Cyan (99%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3399, 32.2473, 65.2104 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 25.3399, 32.2473, 65.2104 by changing the saturation by 10% instead.

■ 25.3399, 32.2473,
65.2104

■ 25.3399, 32.2473,
65.2104

271.8430,
312.2442, 461.8746

■ 16.4606, 21.5505,
47.1793

■ 51.6470, 63.1986,
113.9685

■ 9.9435, 13.5270,
32.8220

■ 69.8055, 84.2218,
145.5325

■ 5.4235, 7.7924,
21.7202

■ 91.7878, 109.4559,
182.4446

■ 2.5351, 3.9624,
13.4551

■ 117.9592,
139.2854, 225.1232

■ 0.9130, 1.6526,
7.6083

■ 148.6850,
174.0946, 273.9870

■ 0.0000, 0.3926,
3.7612

184.3307,

■ 0.0000, 0.0000,

214.2678, 329.4545

1.4953

225.2616,
260.1896, 391.9441

■ 0.0000, 0.0000,
0.2144

■ 0.0000, 0.0000,
0.0000

■ 25.3399, 32.2473,
65.2104

■ 25.3399, 32.2473,
65.2104

■ 25.2888, 32.1636,
65.1976

■ 26.4437, 33.9837,
65.4880

■ 27.9155, 35.9472,
65.7894

■ 29.8610, 38.1929,
66.1204

■ 32.3408, 40.7527,
66.4838

■ 35.4062, 43.6531,
66.8820

■ 39.1023, 46.9178,
67.3174

■ 43.4696, 50.5681,
67.7918

■ 48.5452, 54.6233,
68.3070

■ 54.3634, 59.1015,
68.8647

Harmonies

Analogous

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



22.4143, 32.2473, 49.5516



25.3399, 32.2473, 65.2104



29.9767, 32.2473, 72.8269

Triad

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



25.3399, 32.2473, 65.2104



41.9317, 32.2473, 37.0907



26.3891, 32.2473, 14.9531

Complementary

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



25.3399, 32.2473, 65.2104



27.1664, 15.2895, 1.5496

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.



31.3335, 32.2473, 13.3637



25.3399, 32.2473, 65.2104



40.6903, 32.2473, 23.7911

Square

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



25.3399, 32.2473, 65.2104



39.8764, 32.2473, 53.9071



36.6547, 32.2473, 16.0800



22.9695, 32.2473, 21.2885

Rectangle

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



25.3399, 32.2473, 65.2104



33.5635, 32.2473, 71.0775



36.6547, 32.2473, 16.0800



27.9103, 32.2473, 13.9413

Sweetspot

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



25.3410, 32.2484, 65.2112



67.5526, 78.7993, 106.2571



23.2435, 45.7800, 9.8628



13.8139, 16.3323, 22.6743



0.0000, 0.0000, 0.0000



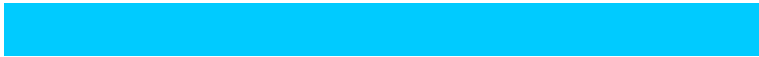
20.3446, 21.4041, 23.3091

Same Dimension

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



25.3410, 32.2484, 65.2112



39.5236, 50.1671, 102.2079



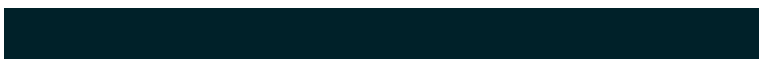
13.3239, 8.2141, 61.2055



11.9471, 12.9845, 15.1202



15.6636, 19.9739, 40.2223



0.9285, 1.2221, 2.2665

Inverse Universe

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



33.2815, 16.3684, 37.9654



52.0789, 25.5955, 59.0067



36.6749, 34.3064, 4.7191



12.2042, 11.9664, 14.3512



20.5370, 10.0876, 23.5318



1.1749, 0.5747, 1.4557

Previews

White Background



This preview shows how the XYZ color 25.3399, 32.2473, 65.2104 looks on a white background.

Color Contrast Check

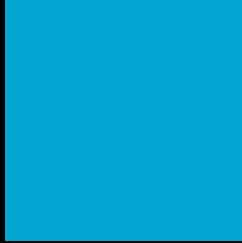
Large Text (above 18pt) WCAG AA × Fail

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 25.3399, 32.2473, 65.2104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

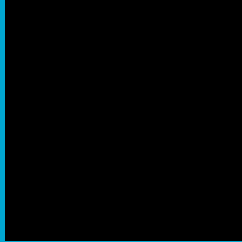
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3399, 32.2473, 65.2104

Background



This preview shows how black text looks on a background with the XYZ color 25.3399, 32.2473, 65.2104.

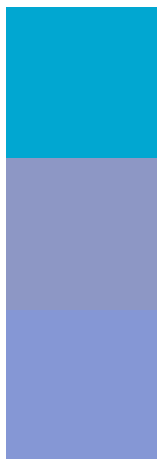


This preview shows how white text looks on a background with the XYZ color 25.3399, 32.2473,

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

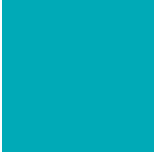
25.3399, 32.2473, 65.2104

Protanopia

32.1292, 31.8272, 57.2732

Deuteranopia

32.7497, 31.9239, 67.3866



Tritanopia

22.9220, 32.1683, 49.8007

Trichromacy



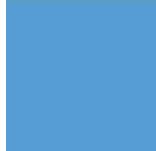
Original Color

25.3399, 32.2473, 65.2104



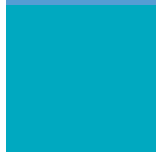
Protanomaly

26.8160, 30.5046, 59.7330



Deuteranomaly

27.6869, 30.7987, 66.7728



Tritanomaly

23.7024, 32.1817, 54.8316

Monochromacy



Original Color

25.3399, 32.2473, 65.2104



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

18.0631, 22.1298, 33.8913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3399, 32.2473, 65.2104 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(1, 167, 209)` looks like.

```
.text, #text, p{  
    color:rgb(1, 167, 209)  
}
```

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(1, 167, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 167, 209) }
```

Border

The CSS property to change the border of an element to XYZ 25.3399, 32.2473, 65.2104 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(1, 167, 209) }
```


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

```
.border{ border-color:rgb(1, 167, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 167, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 167, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 167, 209);  
box-shadow:4px 4px 4px 4px rgb(1, 167,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3399, 32.2473, 65.2104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 167, 209) }
```

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

```
.background{ background-color: rgb(1, 167,  
209) }
```

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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