

Converting Colors

XYZ(25.8197, 33.0266, 65.9873)

Have a look what the booklet for
XYZ(25.8197, 33.0266, 65.9873)
contains.

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Color

**XYZ(25.8208, 33.0291,
65.9871)**

Conversions

Conversions Part 1

Format	Color
Hex	00A9D2
RGB	0, 169, 210
RGB Percent	0%, 66%, 82%
CMY	0.9998, 0.3372, 0.1765
CMYK	1.00, 0.20, 0.00, 0.18
HSL	192°, 100%, 41%
HSV	192°, 100%, 82%
XYZ	25.8208, 33.0291, 65.9871
YIQ	123.1430, -113.8850, -23.0770

Conversions

Conversions Part 2

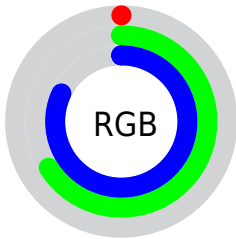
Format	Color
RYB	0, 94, 210
Decimal	43474
CIELab	64.18, -21.80, -31.00
CIELCh	64, 37.896, 234.891
Yxy	33.0291, 0.2068, 0.2646
Android (android.graphics.Color)	4278233554 (0xFF00A9D2)
YUV	123.1430, 42.8205, -107.9964
Hunter-Lab	57.4709, -20.3769, -27.8460

Details

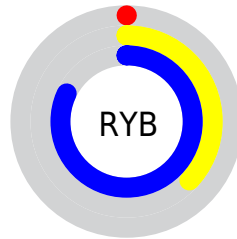
The XYZ color **25.8208, 33.0291, 65.9871** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **27.3733, 15.2908, 1.5100**, and the grayscale version is **18.7689, 19.7463, 21.5037**.

A 20% lighter version of the original color is **50.2992, 63.4149, 104.1970**, and **12.2777, 15.0891, 33.2757** is the 20% darker color. If you saturate the color by 10%, you get **25.8197, 33.0266, 65.9873**, and if you desaturate by 10%, it is **26.9065, 34.7398, 66.2607**.

Distribution



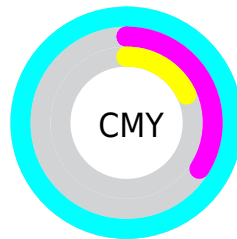
- Red (0%)
- Green (66%)
- Blue (82%)



- Red (0%)
- Yellow (37%)
- Blue (82%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8208, 33.0291, 65.9871 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 25.8208, 33.0291, 65.9871 by changing the saturation by 10% instead.

■ 25.8208, 33.0291,
65.9871

■ 25.8208, 33.0291,
65.9871

274.1741,
315.7808, 464.7337

■ 16.8216, 22.1487,
47.8055

■ 52.4191, 64.4210,
115.0946

■ 10.2019, 13.9662,
33.3140

■ 70.7489, 85.7012,
146.8577

■ 5.5963, 8.0972,
22.0940

■ 92.9196, 111.2170,
183.9850

■ 2.6395, 4.1572,
13.7270

■ 119.2965,
141.3525, 226.8950

■ 0.9661, 1.7619,
7.7945

■ 150.2451,
176.4923, 276.0064

■ 0.0000, 0.4632,
3.8778

186.1307,

■ 0.0000, 0.0000,

217.0207, 331.7376

1.5586

227.3186,
263.3220, 394.5072

■ 0.0000, 0.0000,
0.2610

■ 0.0000, 0.0000,
0.0000

■ 25.8208, 33.0291,
65.9871

■ 25.8208, 33.0291,
65.9871

■ 25.8197, 33.0266,
65.9873

■ 26.9065, 34.7398,
66.2607

■ 28.3521, 36.6712,
66.5574

■ 30.2717, 38.8832,
66.8831

■ 32.7271, 41.4079,
67.2410

■ 35.7707, 44.2725,
67.6335

■ 39.4484, 47.5011,
68.0629

■ 43.8012, 51.1151,
68.5310

■ 48.8669, 55.1343,
69.0398

■ 54.6802, 59.5768,
69.5909

Harmonies

Analogous

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



22.9268, 33.0291, 49.9020



25.8208, 33.0291, 65.9871



30.4826, 33.0291, 74.1939

Triad

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



25.8208, 33.0291, 65.9871



42.8427, 33.0291, 38.6613



27.2443, 33.0291, 15.2539

Complementary

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



25.8208, 33.0291, 65.9871



27.3733, 15.2908, 1.5100

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.



32.3217, 33.0291, 13.8170



25.8208, 33.0291, 65.9871



41.7229, 33.0291, 24.8964

Square

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



25.8208, 33.0291, 65.9871



40.6212, 33.0291, 55.7944



37.7146, 33.0291, 16.7894



23.6806, 33.0291, 21.4947

Rectangle

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



25.8208, 33.0291, 65.9871



34.1224, 33.0291, 72.7837



37.7146, 33.0291, 16.7894



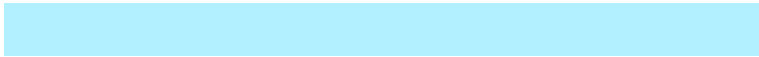
28.8135, 33.0291, 14.2850

Sweetspot

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



25.8219, 33.0302, 65.9879



67.7033, 79.1007, 106.3074



23.4060, 46.2374, 9.5706



13.8503, 16.4050, 22.6864



0.0000, 0.0000, 0.0000



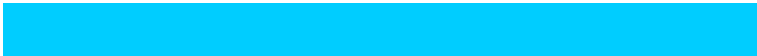
20.3446, 21.4041, 23.3091

Same Dimension

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



25.8219, 33.0302, 65.9879



39.9304, 50.9809, 102.3435



13.6130, 8.6123, 61.9183



11.9541, 12.9984, 15.1225



15.8207, 20.2881, 40.2746



0.9360, 1.2372, 2.2690

Inverse Universe

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



33.7408, 16.5674, 38.9567



52.2842, 25.6777, 60.0882



36.4788, 33.5018, 4.5452



12.2077, 11.9678, 14.3696



20.6163, 10.1194, 23.9494



1.1787, 0.5762, 1.4757

Previews

White Background



This preview shows how the XYZ color 25.8208, 33.0291, 65.9871 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 25.8208, 33.0291, 65.9871 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

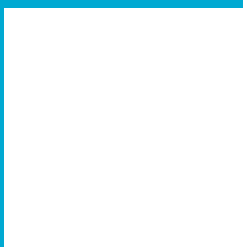
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8208, 33.0291, 65.9871

Background



This preview shows how black text looks on a background with the XYZ color 25.8208, 33.0291, 65.9871.



This preview shows how white text looks on a background with the XYZ color 25.8208, 33.0291,

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

25.8208, 33.0291, 65.9871

Protanopia

32.9120, 32.6993, 58.0030

Deuteranopia

33.5205, 32.7884, 68.1804



Tritanopia

23.5095, 33.0078, 51.0310

Trichromacy



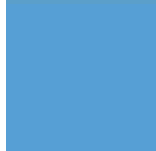
Original Color

25.8208, 33.0291, 65.9871



Protanomaly

27.3732, 31.2847, 60.4729



Deuteranomaly

28.2461, 31.5788, 67.5574



Tritanomaly

24.3005, 33.0209, 56.1318

Monochromacy



Original Color

25.8208, 33.0291, 65.9871



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

18.4364, 22.7424, 34.4284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8208, 33.0291, 65.9871 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, 169, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 210)  
}
```

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, 169, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 210) }
```

Border

The CSS property to change the border of an element to XYZ 25.8208, 33.0291, 65.9871 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, 169, 210) }
```


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

```
.border{ border-color:rgb(0, 169, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 210);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8208, 33.0291, 65.9871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 210) }
```

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

```
.background{ background-color: rgb(0, 169,  
210) }
```

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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