

Converting Colors

XYZ(18.3267, 29.1832, 63.3491)

Have a look what the booklet for
XYZ(18.3267, 29.1832, 63.3491)
contains.

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Color

**XYZ(25.3285, 32.8322,
63.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	00A9CE
RGB	0, 169, 206
RGB Percent	0%, 66%, 81%
CMY	0.9998, 0.3372, 0.1922
CMYK	1.00, 0.18, 0.00, 0.19
HSL	191°, 100%, 40%
HSV	191°, 100%, 81%
XYZ	25.3285, 32.8322, 63.3948
YIQ	122.6870, -112.6010, -24.3210

Conversions

Conversions Part 2

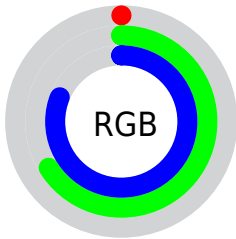
Format	Color
RYB	0, 93, 206
Decimal	43470
CIELab	64.02, -23.18, -29.03
CIElCh	64, 37.148, 231.396
Yxy	32.8322, 0.2084, 0.2701
Android (android.graphics.Color)	4278233550 (0xFF00A9CE)
YUV	122.6870, 41.0733, -107.5965
Hunter-Lab	57.2994, -21.3702, -25.4876

Details

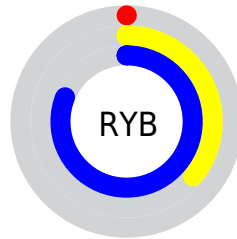
The XYZ color **25.3285, 32.8322, 63.3948** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **26.1169, 14.4476, 1.4133**, and the grayscale version is **18.6239, 19.5938, 21.3376**.

A 20% lighter version of the original color is **50.1851, 63.3561, 104.1917**, and **12.0288, 14.9896, 31.9651** is the 20% darker color. If you saturate the color by 10%, you get **25.3277, 32.8304, 63.3951**, and if you desaturate by 10%, it is **26.3291, 34.3851, 63.6425**.

Distribution



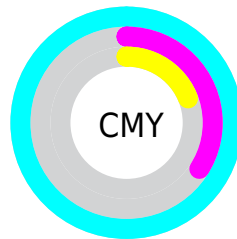
- Red (0%)
- Green (66%)
- Blue (81%)



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



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3285, 32.8322, 63.3948 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 25.3285, 32.8322, 63.3948 by changing the saturation by 10% instead.

■ 25.3285, 32.8322,
63.3948

■ 25.3285, 32.8322,
63.3948

271.7875,
314.8929, 455.1482

■ 16.4520, 21.9979,
45.7176

■ 51.6287, 64.1135,
111.3300

■ 9.9374, 13.8554,
31.6760

■ 69.7831, 85.3292,
142.4250

■ 5.4194, 8.0201,
20.8514

■ 91.7609, 110.7743,
178.8298

■ 2.5327, 4.1078,
12.8252

■ 117.9274,
140.8331, 220.9628

■ 0.9118, 1.7341,
7.1790

■ 148.6479,
175.8899, 269.2426

■ 0.0000, 0.4456,
3.4942

184.2879,

■ 0.0000, 0.0000,

216.3293, 324.0878

1.3522

225.2127,
262.5355, 385.9168

■ 0.0000, 0.0000,
0.1040

■ 0.0000, 0.0000,
0.0000

■ 25.3285, 32.8322,
63.3948

■ 25.3285, 32.8322,
63.3948

■ 25.3277, 32.8304,
63.3951

■ 26.3291, 34.3851,
63.6425

■ 27.6694, 36.1418,
63.9109

■ 29.4596, 38.1599,
64.2061

■ 31.7588, 40.4699,
64.5308

■ 34.6167, 43.0977,
64.8874

■ 38.0769, 46.0662,
65.2780

■ 42.1787, 49.3957,
65.7044

■ 46.9579, 53.1049,
66.1685

■ 52.4478, 57.2112,
66.6717

Harmonies

Analogous

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



22.7284, 32.8322, 47.3512



25.3285, 32.8322, 63.3948



29.7218, 32.8322, 72.5738

Triad

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



25.3285, 32.8322, 63.3948



42.2742, 32.8322, 40.2450



27.6705, 32.8322, 15.0401

Complementary

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



25.3285, 32.8322, 63.3948



26.1169, 14.4476, 1.4133

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.



32.7389, 32.8322, 14.1244



25.3285, 32.8322, 63.3948



41.5663, 32.8322, 26.2155

Square

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



25.3285, 32.8322, 63.3948



39.7669, 32.8322, 56.9610



37.9290, 32.8322, 17.5983



23.9714, 32.8322, 20.5895

Rectangle

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



25.3285, 32.8322, 63.3948



33.2409, 32.8322, 72.1828



37.9290, 32.8322, 17.5983



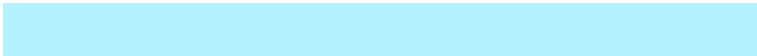
29.2560, 32.8322, 14.2564

Sweetspot

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



25.3296, 32.8333, 63.3956



68.0566, 79.8074, 106.4251



22.3661, 44.2610, 8.9057



13.9356, 16.5757, 22.7149



0.0000, 0.0000, 0.0000



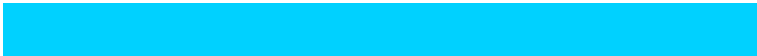
20.3446, 21.4041, 23.3091

Same Dimension

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



25.3296, 32.8333, 63.3956



40.8976, 52.9151, 102.6659



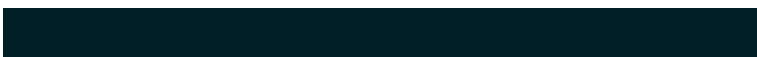
13.2506, 8.6752, 59.3693



11.3652, 12.3709, 14.3592



15.6606, 20.3452, 39.0579



0.8538, 1.1414, 2.0303

Inverse Universe

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



32.6160, 15.9875, 38.9041



52.7724, 25.8730, 62.6588



34.4492, 31.1123, 4.1908



11.5977, 11.3678, 13.6821



20.1157, 9.8569, 24.1255



1.0609, 0.5178, 1.3667

Previews

White Background



This preview shows how the XYZ color 25.3285, 32.8322, 63.3948 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 25.3285, 32.8322, 63.3948 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

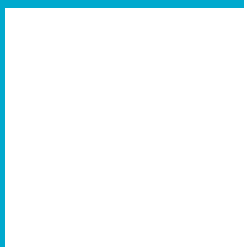
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3285, 32.8322, 63.3948

Background



This preview shows how black text looks on a background with the XYZ color 25.3285, 32.8322, 63.3948.



This preview shows how white text looks on a background with the XYZ color 25.3285, 32.8322,

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

25.3285, 32.8322, 63.3948

Protanopia

32.6304, 32.6068, 55.6129

Deuteranopia

33.3423, 32.5129, 65.4911



Tritanopia

23.5095, 33.0078, 51.0310

Trichromacy



Original Color

25.3285, 32.8322, 63.3948

Protanomaly

27.0048, 31.1488, 58.0151

Deuteranomaly

27.7600, 31.1319, 64.8675

Tritanomaly

24.1885, 32.9761, 55.5422

Monochromacy



Original Color

25.3285, 32.8322, 63.3948

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.2697, 22.6758, 33.5509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3285, 32.8322, 63.3948 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 206) }
```

Border

The CSS property to change the border of an element to XYZ 25.3285, 32.8322, 63.3948 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, 206) }
```


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

```
.border{ border-color:rgb(0, 169, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3285, 32.8322, 63.3948 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, 206) }
```

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

```
.background{ background-color: rgb(0, 169,  
206) }
```

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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