

Converting Colors

XYZ(24.5032, 28.6448, 77.2230)

Have a look what the booklet for
XYZ(24.5032, 28.6448, 77.2230)
contains.

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Color

**XYZ(25.7536, 29.3230,
76.9756)**

Conversions

Conversions Part 1

Format	Color
Hex	009CE3
RGB	0, 156, 227
RGB Percent	0%, 61%, 89%
CMY	0.9998, 0.3882, 0.1098
CMYK	1.00, 0.31, 0.00, 0.11
HSL	199°, 100%, 45%
HSV	199°, 100%, 89%
XYZ	25.7536, 29.3230, 76.9756
YIQ	117.4500, -115.7670, -10.9910

Conversions

Conversions Part 2

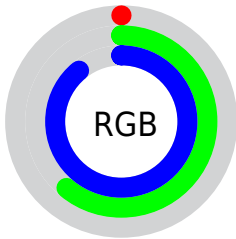
Format	Color
RYB	0, 92, 227
Decimal	40163
CIELab	61.07, -8.63, -45.30
CIELCh	61, 46.111, 259.209
Yxy	29.3230, 0.1950, 0.2221
Android (android.graphics.Color)	4278230243 (0xFF009CE3)
YUV	117.4500, 54.0082, -103.0036
Hunter-Lab	54.1507, -9.8707, -46.3756

Details

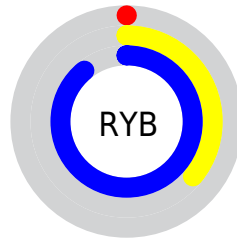
The XYZ color **25.7536, 29.3230, 76.9756** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **33.9360, 20.8450, 2.2365**, and the grayscale version is **16.9171, 17.7981, 19.3822**.

A 20% lighter version of the original color is **46.9223, 56.3164, 103.0048**, and **12.4023, 13.0434, 40.3920** is the 20% darker color. If you saturate the color by 10%, you get **25.7509, 29.3175, 76.9753**, and if you desaturate by 10%, it is **27.3286, 31.9565, 77.4015**.

Distribution



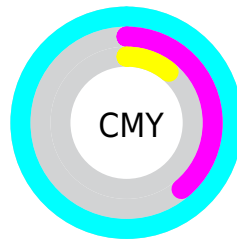
- Red (0%)
- Green (61%)
- Blue (89%)



- Red (0%)
- Yellow (36%)
- Blue (89%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7536, 29.3230, 76.9756 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 25.7536, 29.3230, 76.9756 by changing the saturation by 10% instead.

■ 25.7536, 29.3230,
76.9756

■ 25.7536, 29.3230,
76.9756

273.8493,
298.7359, 504.1163

■ 16.7711, 19.3253,
56.7214

■ 52.3113, 58.5899,
130.8777

■ 10.1657, 11.9056,
40.3737

■ 70.6172, 78.6278,
165.3628

■ 5.5721, 6.6794,
27.5141

■ 92.7617, 102.7814,
205.4285

■ 2.6248, 3.2624,
17.7238

■ 119.1101,
131.4348, 251.4934

■ 0.9586, 1.2702,
10.5845

■ 150.0276,
164.9726, 303.9761

■ 0.0000, 0.1180,
5.6776

185.8798,

■ 0.0000, 0.0000,

203.7791, 363.2951

2.5844

227.0319,
248.2388, 429.8690

■ 0.0000, 0.0000,
0.8844

■ 0.0000, 0.0000,
0.0000

■ 25.7536, 29.3230,
76.9756

■ 25.7536, 29.3230,
76.9756

■ 25.7509, 29.3175,
76.9753

■ 27.3286, 31.9565,
77.4015

■ 29.3809, 34.9409,
77.8694

■ 32.0430, 38.3464,
78.3864

■ 35.3912, 42.2141,
78.9565

■ 39.4897, 46.5786,
79.5829

■ 44.3950, 51.4706,
80.2686

■ 50.1576, 56.9178,
81.0163

■ 56.8241, 62.9455,
81.8284

■ 64.4371, 69.5773,
82.7072

Harmonies

Analogous

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



20.9550, 29.3230, 64.2847



25.7536, 29.3230, 76.9756



31.8664, 29.3230, 74.7272

Triad

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



25.7536, 29.3230, 76.9756



40.3303, 29.3230, 22.1925



19.9746, 29.3230, 14.7634

Complementary

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



25.7536, 29.3230, 76.9756



33.9360, 20.8450, 2.2365

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.



24.2237, 29.3230, 9.7015



25.7536, 29.3230, 76.9756



36.1615, 29.3230, 12.7949

Square

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



25.7536, 29.3230, 76.9756



40.8971, 29.3230, 38.5642



30.1006, 29.3230, 9.1418



17.9534, 29.3230, 26.1000

Rectangle

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



25.7536, 29.3230, 76.9756



35.8703, 29.3230, 65.2298



30.1006, 29.3230, 9.1418



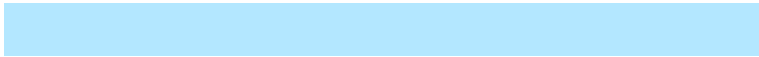
21.1586, 29.3230, 12.4769

Sweetspot

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



25.7547, 29.3239, 76.9764



65.1197, 73.9335, 105.4462



28.5178, 55.3581, 14.6736



13.2292, 15.1629, 22.4794



0.0000, 0.0000, 0.0000



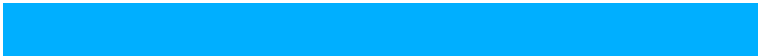
20.3446, 21.4041, 23.3091

Same Dimension

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



25.7547, 29.3239, 76.9764



33.4234, 37.9668, 100.1745



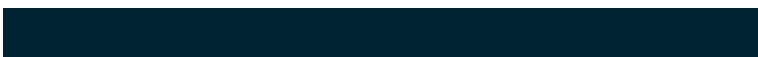
14.8215, 7.4575, 73.3320



14.4072, 15.5357, 18.3837



15.1266, 17.3152, 44.9281



1.1999, 1.4437, 3.3474

Inverse Universe

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



37.6804, 18.7327, 33.0830



48.9998, 24.3639, 42.7925



48.3278, 49.6285, 7.0338



14.7931, 14.5344, 17.1109



22.0287, 10.9457, 19.5779



1.6693, 0.8254, 1.6649

Previews

White Background



This preview shows how the XYZ color 25.7536, 29.3230, 76.9756 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7536, 29.3230, 76.9756 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 × Fail

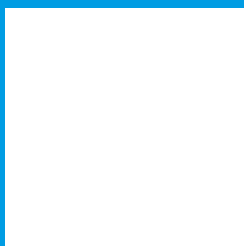
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7536, 29.3230, 76.9756

Background



This preview shows how black text looks on a background with the XYZ color 25.7536, 29.3230, 76.9756.

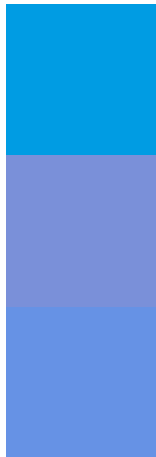


This preview shows how white text looks on a background with the XYZ color 25.7536, 29.3230,

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

25.7536, 29.3230, 76.9756

Protanopia

30.5237, 29.0938, 69.6525

Deuteranopia

29.9012, 29.0397, 78.1580



Tritanopia

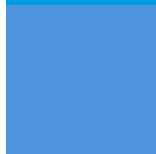
20.8351, 29.2895, 45.1128

Trichromacy



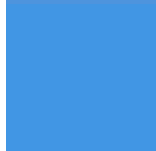
Original Color

25.7536, 29.3230, 76.9756



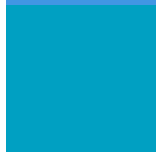
Protanomaly

26.7829, 28.0200, 72.4034



Deuteranomaly

27.0899, 28.5379, 77.4794



Tritanomaly

22.3084, 29.0367, 55.4678

Monochromacy



Original Color

25.7536, 29.3230, 76.9756



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

17.0261, 20.1228, 34.8850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7536, 29.3230, 76.9756 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, 156, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 227)  
}
```

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, 156, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 227) }
```

Border

The CSS property to change the border of an element to XYZ 25.7536, 29.3230, 76.9756 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, 156, 227) }
```


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

```
.border{ border-color:rgb(0, 156, 227) }
```

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

Here you see how a box with a 4 pixel rgb(0, 156, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7536, 29.3230, 76.9756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 227) }
```

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

```
.background{ background-color: rgb(0, 156,  
227) }
```

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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