

Converting Colors

XYZ(13.4169, 23.0957, 75.5012)

Have a look what the booklet for
XYZ(13.4169, 23.0957, 75.5012)
contains.

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Color

**XYZ(25.6159, 29.2679,
76.2507)**

Conversions

Conversions Part 1

Format	Color
Hex	009CE2
RGB	0, 156, 226
RGB Percent	0%, 61%, 89%
CMY	0.9998, 0.3882, 0.1137
CMYK	1.00, 0.31, 0.00, 0.11
HSL	199°, 100%, 44%
HSV	199°, 100%, 89%
XYZ	25.6159, 29.2679, 76.2507
YIQ	117.3360, -115.4460, -11.3020

Conversions

Conversions Part 2

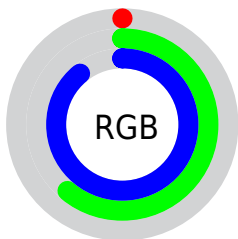
Format	Color
RYB	0, 92, 226
Decimal	40162
CIELab	61.02, -9.00, -44.82
CIElCh	61, 45.713, 258.642
Yxy	29.2679, 0.1953, 0.2232
Android (android.graphics.Color)	4278230242 (0xFF009CE2)
YUV	117.3360, 53.5714, -102.9037
Hunter-Lab	54.0998, -10.1561, -45.6961

Details

The XYZ color **25.6159, 29.2679, 76.2507** 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 **33.5582, 20.5561, 2.2006**, and the grayscale version is **16.8828, 17.7620, 19.3428**.

A 20% lighter version of the original color is **46.9223, 56.3164, 103.0048**, and **12.3073, 13.0054, 39.8918** is the 20% darker color. If you saturate the color by 10%, you get **25.6135, 29.2628, 76.2505**, and if you desaturate by 10%, it is **27.1709, 31.8647, 76.6706**.

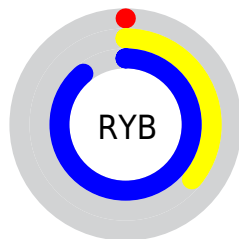
Distribution



Red (0%)

Green (61%)

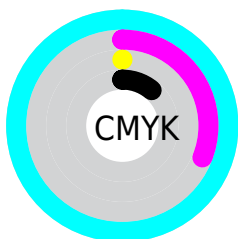
Blue (89%)



Red (0%)

Yellow (36%)

Blue (89%)

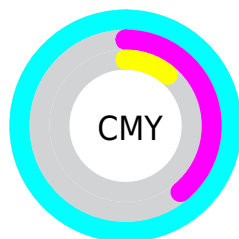


Cyan (100%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (100%)

Magenta (39%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6159, 29.2679, 76.2507 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 25.6159, 29.2679, 76.2507 by changing the saturation by 10% instead.

■ 25.6159, 29.2679,
76.2507

■ 25.6159, 29.2679,
76.2507

273.1828,
298.4769, 501.5751

■ 16.6677, 19.2836,
56.1302

■ 52.0904, 58.5025,
129.8446

■ 10.0917, 11.8754,
39.9026

■ 70.3473, 78.5215,
164.1550

■ 5.5225, 6.6589,
27.1494

■ 92.4380, 102.6542,
204.0325

■ 2.5949, 3.2497,
17.4521

■ 118.7275,
131.2850, 249.8957

■ 0.9433, 1.2634,
10.3920

■ 149.5815,
164.7983, 302.1630

■ 0.0000, 0.1126,
5.5506

185.3651,

■ 0.0000, 0.0000,

203.5784, 361.2529

2.5095

226.4438,
248.0098, 427.5841

■ 0.0000, 0.0000,
0.8452

■ 0.0000, 0.0000,
0.0000

■ 25.6159, 29.2679,
76.2507

■ 25.6159, 29.2679,
76.2507

■ 25.6135, 29.2628,
76.2505

■ 27.1709, 31.8647,
76.6706

■ 29.1967, 34.8060,
77.1316

■ 31.8248, 38.1616,
77.6407

■ 35.1307, 41.9720,
78.2020

■ 39.1777, 46.2713,
78.8185

■ 44.0218, 51.0899,
79.4933

■ 49.7129, 56.4550,
80.2289

■ 56.2970, 62.3917,
81.0278

■ 63.8163, 68.9232,
81.8922

Harmonies

Analogous

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



20.8949, 29.2679, 63.5042



25.6159, 29.2679, 76.2507



31.6557, 29.2679, 74.3311

Triad

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



25.6159, 29.2679, 76.2507



40.1897, 29.2679, 22.4626



20.0534, 29.2679, 14.6926

Complementary

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



25.6159, 29.2679, 76.2507



33.5582, 20.5561, 2.2006

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.



24.3042, 29.2679, 9.7490



25.6159, 29.2679, 76.2507



36.1235, 29.2679, 12.9978

Square

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



25.6159, 29.2679, 76.2507



40.6745, 29.2679, 38.7987



30.1434, 29.2679, 9.2659



18.0041, 29.2679, 25.8157

Rectangle

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



25.6159, 29.2679, 76.2507



35.6291, 29.2679, 65.1053



30.1434, 29.2679, 9.2659



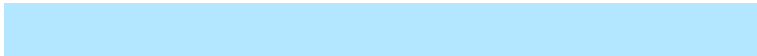
21.2415, 29.2679, 12.4541

Sweetspot

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



25.6170, 29.2688, 76.2515



65.1850, 74.0641, 105.4679



28.2358, 54.8090, 14.5341



13.2448, 15.1941, 22.4846



0.0000, 0.0000, 0.0000



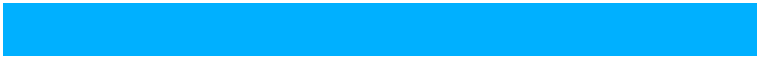
20.3446, 21.4041, 23.3091

Same Dimension

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



25.6170, 29.2688, 76.2515



33.5752, 38.2705, 100.2251



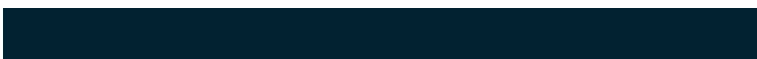
14.6760, 7.3869, 72.6045



13.7396, 14.8183, 17.5238



14.7225, 16.9145, 43.5372



1.0990, 1.3294, 3.0439

Inverse Universe

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



37.3658, 18.5704, 33.0682



49.0764, 24.3946, 43.1960



47.8502, 49.1403, 6.9646



14.1048, 13.8595, 16.3220



21.3714, 10.6156, 19.1535



1.5210, 0.7517, 1.5363

Previews

White Background



This preview shows how the XYZ color 25.6159, 29.2679, 76.2507 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 25.6159, 29.2679, 76.2507 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 25.6159, 29.2679, 76.2507

Background



This preview shows how black text looks on a background with the XYZ color 25.6159, 29.2679, 76.2507.



This preview shows how white text looks on a background with the XYZ color 25.6159, 29.2679,

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

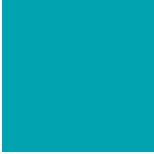
25.6159, 29.2679, 76.2507

Protanopia

30.3940, 29.0420, 68.9695

Deuteranopia

29.8760, 29.0428, 77.4300



Tritanopia

20.8351, 29.2895, 45.1128

Trichromacy



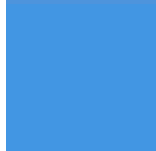
Original Color

25.6159, 29.2679, 76.2507



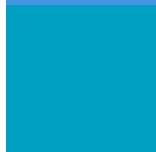
Protanomaly

26.6501, 27.9668, 71.7037



Deuteranomaly

27.0182, 28.5170, 76.7534



Tritanomaly

22.3084, 29.0367, 55.4678

Monochromacy



Original Color

25.6159, 29.2679, 76.2507



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 25.6159, 29.2679, 76.2507 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 226) }
```

Border

The CSS property to change the border of an element to XYZ 25.6159, 29.2679, 76.2507 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, 226) }
```


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

```
.border{ border-color:rgb(0, 156, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6159, 29.2679, 76.2507 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, 226) }
```

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

```
.background{ background-color: rgb(0, 156,  
226) }
```

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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