

Converting Colors

XYZ(26.5964, 29.6601, 81.4140)

Have a look what the booklet for
XYZ(26.5964, 29.6601, 81.4140)
contains.

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Color

**XYZ(26.5964, 29.6601,
81.4140)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 009CE9 |
| RGB | 0, 156, 233 |
| RGB Percent | 0%, 61%, 91% |
| CMY | 0.9998, 0.3882, 0.0863 |
| CMYK | 1.00, 0.33, 0.00, 0.09 |
| HSL | 200°, 100%, 46% |
| HSV | 200°, 100%, 91% |
| XYZ | 26.5964, 29.6601, 81.4140 |
| YIQ | 118.1340, -117.6930, -9.1250 |

Conversions

Conversions Part 2

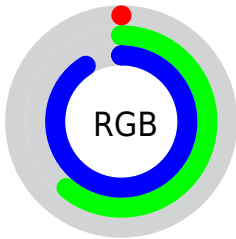
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 0, 93, 233 |
| Decimal | 40169 |
| CIE Lab | 61.36, -6.41, -48.15 |
| CIE LCh | 61, 48.573, 262.417 |
| Yxy | 29.6601, 0.1932, 0.2154 |
| Android (android.graphics.Color) | 4278230249 (0xFF009CE9) |
| YUV | 118.1340, 56.6289, -103.6035 |
| Hunter-Lab | 54.4611, -8.1354, -50.5100 |

Details

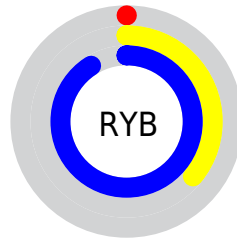
The XYZ color **26.5964, 29.6601, 81.4140** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **36.2628, 22.6397, 2.4603**, and the grayscale version is **17.1223, 18.0140, 19.6172**.

A 20% lighter version of the original color is **47.1600, 56.4390, 103.0160**, and **12.9874, 13.2775, 43.4733** is the 20% darker color. If you saturate the color by 10%, you get **26.5936, 29.6542, 81.4137**, and if you desaturate by 10%, it is **28.2921, 32.5145, 81.8762**.

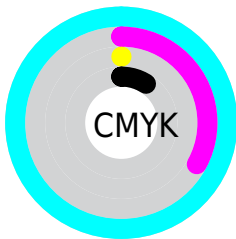
Distribution



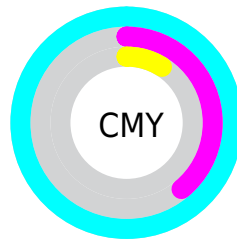
- Red (0%)
- Green (61%)
- Blue (91%)



- Red (0%)
- Yellow (36%)
- Blue (91%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (39%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5964, 29.6601, 81.4140 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 26.5964, 29.6601, 81.4140 by changing the saturation by 10% instead.

■ 26.5964, 29.6601,
81.4140

■ 26.5964, 29.6601,
81.4140

277.9009,
300.3169, 519.5173

■ 17.4054, 19.5807,
60.3496

■ 53.6600, 59.1242,
137.1812

■ 10.6210, 12.0907,
43.2734

■ 72.2633, 79.2778,
172.7212

■ 5.8780, 6.8054,
29.7667

■ 94.7347, 103.5582,
213.9234

■ 2.8110, 3.3407,
19.4110

■ 121.4396,
132.3499, 261.2064

■ 1.0546, 1.3121,
11.7878

■ 152.7433,
166.0372, 314.9887

■ 0.0000, 0.1505,
6.4786

189.0112,

■ 0.0000, 0.0000,

205.0045, 375.6890

3.0648

230.6086,
249.6363, 443.7257

■ 0.0000, 0.0000,
1.1278

■ 0.0000, 0.0000,
0.0000

■ 26.5964, 29.6601,
81.4140

■ 26.5964, 29.6601,
81.4140

■ 26.5936, 29.6542,
81.4137

■ 28.2921, 32.5145,
81.8762

■ 30.5043, 35.7586,
82.3858

■ 33.3725, 39.4669,
82.9504

■ 36.9783, 43.6835,
83.5743

■ 41.3907, 48.4460,
84.2609

■ 46.6700, 53.7874,
85.0137

■ 52.8704, 59.7375,
85.8354

■ 60.0415, 66.3240,
86.7287

■ 68.2292, 73.5722,
87.6962

Harmonies

Analogous

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



21.3249, 29.6601, 69.1015



26.5964, 29.6601, 81.4140



33.1550, 29.6601, 77.1243

Triad

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



26.5964, 29.6601, 81.4140



41.1823, 29.6601, 20.6218



19.5116, 29.6601, 15.2013

Complementary

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



26.5964, 29.6601, 81.4140



36.2628, 22.6397, 2.4603

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.



23.7490, 29.6601, 9.4265



26.5964, 29.6601, 81.4140



36.3923, 29.6601, 11.6272

Square

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



26.5964, 29.6601, 81.4140



42.2514, 29.6601, 37.1780



29.8482, 29.6601, 8.4266



17.6575, 29.6601, 27.8591

Rectangle

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



26.5964, 29.6601, 81.4140



37.3443, 29.6601, 65.9732



29.8482, 29.6601, 8.4266



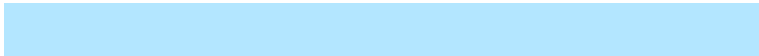
20.6708, 29.6601, 12.6225

Sweetspot

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



26.5975, 29.6610, 81.4148



64.7420, 73.1782, 105.3203



30.3700, 58.7707, 16.1906



13.1388, 14.9821, 22.4493



0.0000, 0.0000, 0.0000



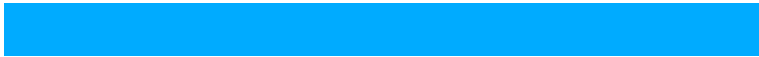
20.3446, 21.4041, 23.3091

Same Dimension

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



26.5975, 29.6610, 81.4148



32.5581, 36.2362, 99.8860



15.5642, 7.5943, 77.7370



15.0738, 16.2341, 19.2613



15.2078, 17.0626, 46.2348



1.2816, 1.5148, 3.6597

Inverse Universe

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



39.6061, 19.7254, 33.1731



48.5630, 24.1892, 40.4925



52.0822, 54.2786, 7.7335



15.4908, 15.2242, 17.8699



22.5315, 11.2153, 19.1320



1.8134, 0.8983, 1.7348

Previews

White Background



This preview shows how the XYZ color 26.5964, 29.6601, 81.4140 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 26.5964, 29.6601, 81.4140 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

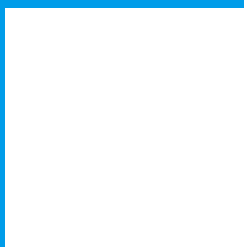
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5964, 29.6601, 81.4140

Background



This preview shows how black text looks on a background with the XYZ color 26.5964, 29.6601, 81.4140.

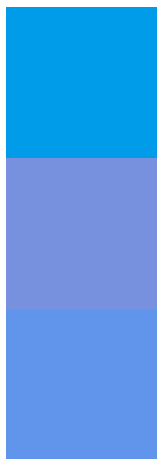


This preview shows how white text looks on a background with the XYZ color 26.5964, 29.6601,

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

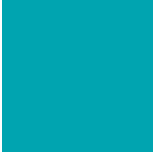
26.5964, 29.6601, 81.4140

Protanopia

31.1904, 29.5716, 73.8760

Deuteranopia

30.5151, 29.7194, 82.7254



Tritanopia

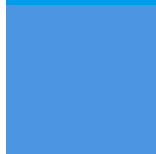
21.1119, 29.6855, 45.6915

Trichromacy



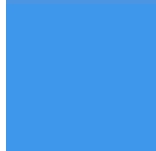
Original Color

26.5964, 29.6601, 81.4140



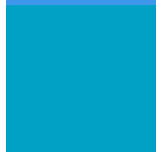
Protanomaly

27.5931, 28.5774, 76.7347



Deuteranomaly

27.9045, 29.0979, 81.9876



Tritanomaly

22.8229, 29.5210, 57.3185

Monochromacy



Original Color

26.5964, 29.6601, 81.4140



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

17.4981, 20.5364, 36.2994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5964, 29.6601, 81.4140 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 233) }
```

Border

The CSS property to change the border of an element to XYZ 26.5964, 29.6601, 81.4140 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, 233) }
```


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

```
.border{ border-color:rgb(0, 156, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 233);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5964, 29.6601, 81.4140 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, 233) }
```

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

```
.background{ background-color: rgb(0, 156,  
233) }
```

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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