

Converting Colors

XYZ(15.4470, 23.7007, 81.5984)

Have a look what the booklet for
XYZ(15.4470, 23.7007, 81.5984)
contains.

XYZ(26.5726, 29.3832, 82.1129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(26.5726, 29.3832,
82.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	009BEA
RGB	0, 155, 234
RGB Percent	0%, 61%, 92%
CMY	0.9998, 0.3922, 0.0823
CMYK	1.00, 0.34, 0.00, 0.08
HSL	200°, 100%, 46%
HSV	200°, 100%, 92%
XYZ	26.5726, 29.3832, 82.1129
YIQ	117.6610, -117.7390, -8.2910

Conversions

Conversions Part 2

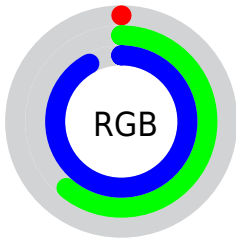
Format	Color
RYB	0, 93, 234
Decimal	39914
CIELab	61.12, -5.47, -49.08
CIELCh	61, 49.386, 263.645
Yxy	29.3832, 0.1925, 0.2128
Android (android.graphics.Color)	4278229994 (0xFF009BEA)
YUV	117.6610, 57.3551, -103.1887
Hunter-Lab	54.2063, -7.3580, -51.8695

Details

The XYZ color **26.5726, 29.3832, 82.1129** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **36.7326, 23.0932, 2.5231**, and the grayscale version is **16.9731, 17.8570, 19.4463**.

A 20% lighter version of the original color is **46.9139, 55.9467, 102.9339**, and **12.9862, 13.1150, 43.9665** is the 20% darker color. If you saturate the color by 10%, you get **26.5696, 29.3770, 82.1125**, and if you desaturate by 10%, it is **28.2954, 32.2883, 82.5835**.

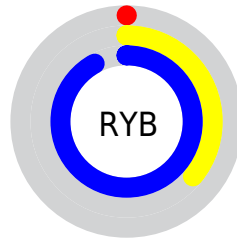
Distribution



Red (0%)

Green (61%)

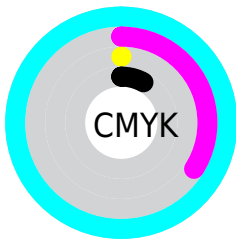
Blue (92%)



Red (0%)

Yellow (36%)

Blue (92%)

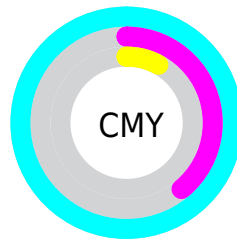


Cyan (100%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (100%)

Magenta (39%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5726, 29.3832, 82.1129 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 26.5726, 29.3832, 82.1129 by changing the saturation by 10% instead.

■ 26.5726, 29.3832,
82.1129

■ 26.5726, 29.3832,
82.1129

277.7872,
299.0187, 521.9186

■ 17.3874, 19.3709,
60.9222

■ 53.6220, 58.6854,
138.1704

■ 10.6081, 11.9386,
43.7323

■ 72.2169, 78.7440,
173.8744

■ 5.8693, 6.7019,
30.1244

■ 94.6792, 102.9202,
215.2531

■ 2.8057, 3.2764,
19.6802

■ 121.3740,
131.5984, 262.7253

■ 1.0519, 1.2777,
11.9810

■ 152.6669,
165.1630, 316.7094

■ 0.0000, 0.1238,
6.6084

188.9232,

■ 0.0000, 0.0000,

203.9983, 377.6240

3.1437

230.5081,
248.4887, 445.8875

■ 0.0000, 0.0000,
1.1685

■ 0.0000, 0.0000,
0.0000

■ 26.5726, 29.3832,
82.1129

■ 26.5726, 29.3832,
82.1129

■ 26.5696, 29.3770,
82.1125

■ 28.2954, 32.2883,
82.5835

■ 30.5434, 35.5939,
83.1031

■ 33.4575, 39.3754,
83.6794

■ 37.1203, 43.6774,
84.3167

■ 41.6014, 48.5382,
85.0187

■ 46.9620, 53.9914,
85.7888

■ 53.2570, 60.0672,
86.6297

■ 60.5365, 66.7938,
87.5444

■ 68.8470, 74.1969,
88.5354

Harmonies

Analogous

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



21.1797, 29.3832, 70.1494



26.5726, 29.3832, 82.1129



33.2238, 29.3832, 77.0220

Triad

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



26.5726, 29.3832, 82.1129



40.9531, 29.3832, 19.7193



19.0545, 29.3832, 15.1721

Complementary

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



26.5726, 29.3832, 82.1129



36.7326, 23.0932, 2.5231

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.



23.2269, 29.3832, 9.1876



26.5726, 29.3832, 82.1129



35.9757, 29.3832, 11.0144

Square

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



26.5726, 29.3832, 82.1129



42.2160, 29.3832, 36.1036



29.3284, 29.3832, 8.0323



17.2933, 29.3832, 28.2074

Rectangle

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



26.5726, 29.3832, 82.1129



37.4304, 29.3832, 65.3455



29.3284, 29.3832, 8.0323



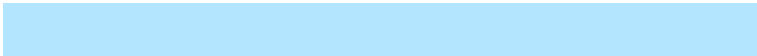
20.1873, 29.3832, 12.5086

Sweetspot

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



26.5737, 29.3841, 82.1137



64.5905, 72.8752, 105.2698



30.8004, 59.3971, 17.0568



13.1026, 14.9097, 22.4372



0.0000, 0.0000, 0.0000



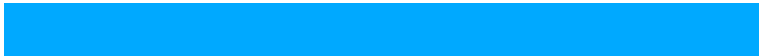
20.3446, 21.4041, 23.3091

Same Dimension

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



26.5737, 29.3841, 82.1137



32.2174, 35.5547, 99.7725



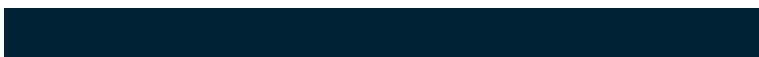
15.5793, 7.3953, 78.4489



15.0644, 16.2153, 19.2581



15.0514, 16.7499, 46.1827



1.2702, 1.4918, 3.6559

Inverse Universe

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



39.8491, 19.8605, 32.7442



48.3910, 24.1204, 39.5868



53.4498, 56.5277, 8.0956



15.4861, 15.2223, 17.8450



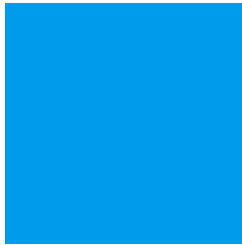
22.4526, 11.1837, 18.7164



1.8076, 0.8960, 1.7044

Previews

White Background



This preview shows how the XYZ color 26.5726, 29.3832, 82.1129 looks on a white background.

Color Contrast Check

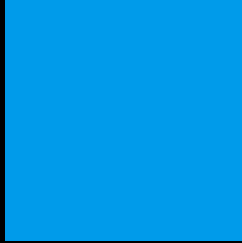
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5726, 29.3832, 82.1129 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

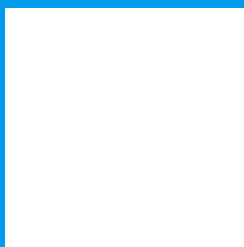
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5726, 29.3832, 82.1129

Background



This preview shows how black text looks on a background with the XYZ color 26.5726, 29.3832, 82.1129.

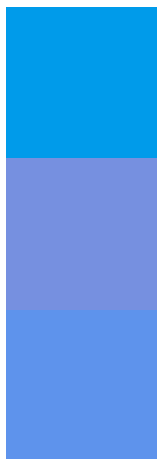


This preview shows how white text looks on a background with the XYZ color 26.5726, 29.3832,

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

26.5726, 29.3832, 82.1129

Protanopia

30.8990, 29.1799, 74.5247

Deuteranopia

30.1901, 29.3032, 83.4218

Trichromacy



Original Color

26.5726, 29.3832, 82.1129

Protanomaly

27.4951, 28.2771, 77.4077

Deuteranomaly

27.7652, 28.7715, 82.6873

Monochromacy



Original Color

26.5726, 29.3832, 82.1129

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3631, 20.2665, 36.2544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5726, 29.3832, 82.1129 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, 155, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 234)  
}
```

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, 155, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 234) }
```

Border

The CSS property to change the border of an element to XYZ 26.5726, 29.3832, 82.1129 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, 155, 234) }
```

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

```
.border{ border-color:rgb(0, 155, 234) }
```

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

Here you see how a box with a 4 pixel rgb(0, 155, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
234) }
```


Background

The CSS property to change the background color of an element to XYZ 26.5726, 29.3832, 82.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 234) }
```

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

```
.background{ background-color: rgb(0, 155,  
234) }
```

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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