

Converting Colors

XYZ(27.0429, 28.3824, 88.2544)

Have a look what the booklet for
XYZ(27.0429, 28.3824, 88.2544)
contains.

XYZ(26.9334, 28.2235, 88.0325)	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>	31

Color

**XYZ(26.9334, 28.2235,
88.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	0096F2
RGB	0, 150, 242
RGB Percent	0%, 59%, 95%
CMY	0.9997, 0.4118, 0.0510
CMYK	1.00, 0.38, 0.00, 0.05
HSL	203°, 100%, 47%
HSV	203°, 100%, 95%
XYZ	26.9334, 28.2235, 88.0325
YIQ	115.6380, -118.9320, -3.1880

Conversions

Conversions Part 2

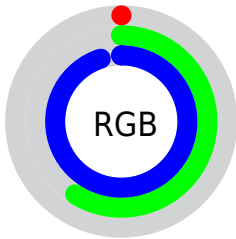
Format	Color
R _{YB}	0, 93, 242
Decimal	38642
CIE Lab	60.09, 0.44, -55.13
CIE LCh	60, 55.131, 270.456
Yxy	28.2235, 0.1881, 0.1971
Android (android.graphics.Color)	4278228722 (0xFF0096F2)
YUV	115.6380, 62.2965, -101.4145
Hunter-Lab	53.1258, -2.4753, -61.0589

Details

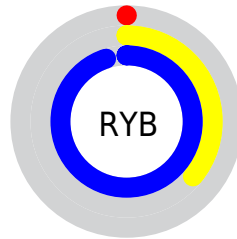
The XYZ color **26.9334, 28.2235, 88.0325** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **40.4520, 26.5444, 2.9936**, and the grayscale version is **16.3387, 17.1896, 18.7195**.

A 20% lighter version of the original color is **45.9495, 53.6569, 102.5428**, and **13.3141, 12.6171, 47.6326** is the 20% darker color. If you saturate the color by 10%, you get **26.9292, 28.2151, 88.0317**, and if you desaturate by 10%, it is **28.8436, 31.4748, 88.5600**.

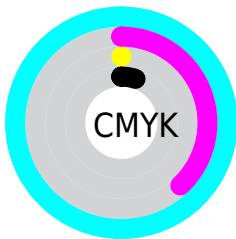
Distribution



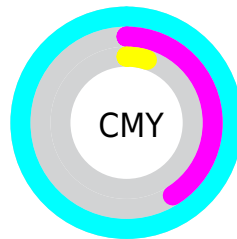
- Red (0%)
- Green (59%)
- Blue (95%)



- Red (0%)
- Yellow (36%)
- Blue (95%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (41%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9334, 28.2235, 88.0325 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 26.9334, 28.2235, 88.0325 by changing the saturation by 10% instead.

■ 26.9334, 28.2235,
88.0325

■ 26.9334, 28.2235,
88.0325

279.5079,
293.5333, 542.0137

■ 17.6595, 18.4942,
65.7855

■ 54.1976, 56.8411,
146.5139

■ 10.8040, 11.3054,
47.6429

■ 72.9187, 76.4981,
183.5855

■ 6.0015, 6.2726,
33.1862

■ 95.5195, 100.2333,
226.4356

■ 2.8867, 3.0116,
21.9968

■ 122.3655,
128.4308, 275.4828

■ 1.0941, 1.1378,
13.6563

■ 153.8220,
161.4752, 331.1457

■ 0.0202, 0.0100,
7.7460

190.2543,

■ 0.0000, 0.0000,

199.7508, 393.8428

3.8474

232.0279,
243.6421, 463.9926

■ 0.0000, 0.0000,
1.5420

■ 0.0000, 0.0000,
0.2489

■ 26.9334, 28.2235,
88.0325

■ 26.9334, 28.2235,
88.0325

■ 26.9292, 28.2151,
88.0317

■ 28.8436, 31.4748,
88.5600

■ 31.3463, 35.2064,
89.1484

■ 34.5928, 39.5001,
89.8061

■ 38.6738, 44.4062,
90.5379

■ 43.6658, 49.9676,
91.3483

■ 49.6358, 56.2222,
92.2409

■ 56.6441, 63.2044,
93.2192

■ 64.7459, 70.9459,
94.2864

■ 73.9923, 79.4759,
95.4456

Harmonies

Analogous

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



20.6928, 28.2235, 78.2600



26.9334, 28.2235, 88.0325



34.2833, 28.2235, 77.6864

Triad

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



26.9334, 28.2235, 88.0325



40.2581, 28.2235, 14.9789



16.6939, 28.2235, 15.3121

Complementary

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



26.9334, 28.2235, 88.0325



40.4520, 26.5444, 2.9936

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.



20.5363, 28.2235, 7.9710



26.9334, 28.2235, 88.0325



34.0642, 28.2235, 7.8463

Square

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



26.9334, 28.2235, 88.0325



42.7542, 28.2235, 30.4233



26.7181, 28.2235, 5.9889



15.4446, 28.2235, 31.0400

Rectangle

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



26.9334, 28.2235, 88.0325



38.6680, 28.2235, 62.5850



26.7181, 28.2235, 5.9889



17.6876, 28.2235, 12.0753

Sweetspot

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



26.9346, 28.2244, 88.0332



63.6966, 71.0874, 104.9718



33.5472, 64.2228, 20.0309



12.8892, 14.4830, 22.3661



0.0000, 0.0000, 0.0000



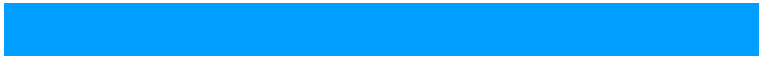
20.3446, 21.4041, 23.3091

Same Dimension

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



26.9346, 28.2244, 88.0332



30.2819, 31.6837, 99.1273



16.5535, 7.4622, 84.5729



15.7131, 16.8604, 20.1478



14.6025, 15.4292, 47.3364



1.3104, 1.4749, 3.9698

Inverse Universe

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



42.1241, 21.0810, 30.7035



47.4141, 23.7296, 34.4423



59.6020, 64.8443, 9.3769



16.1846, 15.9236, 18.5285



22.6963, 11.3509, 16.8491



1.9364, 0.9636, 1.6559

Previews

White Background



This preview shows how the XYZ color 26.9334, 28.2235, 88.0325 looks on a white background.

Color Contrast Check

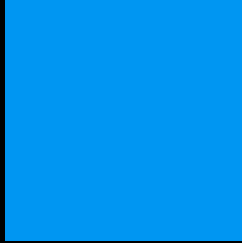
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9334, 28.2235, 88.0325 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

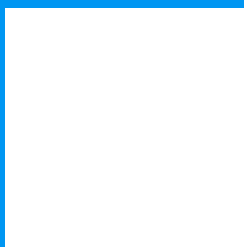
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9334, 28.2235, 88.0325

Background



This preview shows how black text looks on a background with the XYZ color 26.9334, 28.2235, 88.0325.



This preview shows how white text looks on a background with the XYZ color 26.9334, 28.2235,

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

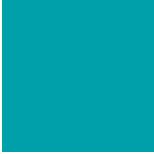
26.9334, 28.2235, 88.0325

Protanopia

30.4396, 28.1161, 81.6645

Deuteranopia

29.1271, 28.1777, 88.6977



Tritanopia

19.9215, 28.0819, 42.8985

Trichromacy



Original Color

26.9334, 28.2235, 88.0325

Protanomaly

27.6432, 27.2899, 83.9313

Deuteranomaly

27.7837, 27.9428, 88.7232

Tritanomaly

21.9665, 27.8082, 57.0331

Monochromacy



Original Color

26.9334, 28.2235, 88.0325

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0648, 19.5028, 37.0474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9334, 28.2235, 88.0325 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, 150, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 242)  
}
```

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, 150, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 242) }
```

Border

The CSS property to change the border of an element to XYZ 26.9334, 28.2235, 88.0325 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, 150, 242) }
```


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

```
.border{ border-color:rgb(0, 150, 242) }
```

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

Here you see how a box with a 4 pixel rgb(0, 150, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9334, 28.2235, 88.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 242) }
```

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

```
.background{ background-color: rgb(0, 150,  
242) }
```

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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