

Converting Colors

XYZ(11.8836, 19.6454, 86.7969)

Have a look what the booklet for
XYZ(11.8836, 19.6454, 86.7969)
contains.

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Color

**XYZ(26.3059, 26.9686,
87.8234)**

Conversions

Conversions Part 1

Format	Color
Hex	0092F2
RGB	0, 146, 242
RGB Percent	0%, 57%, 95%
CMY	0.9997, 0.4274, 0.0510
CMYK	1.00, 0.40, 0.00, 0.05
HSL	204°, 100%, 47%
HSV	204°, 100%, 95%
XYZ	26.3059, 26.9686, 87.8234
YIQ	113.2900, -117.8320, -1.0960

Conversions

Conversions Part 2

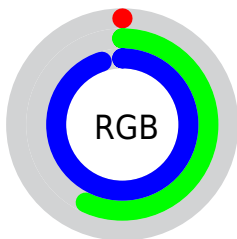
Format	Color
R _Y B	0, 91, 242
Decimal	37618
CIE Lab	58.95, 2.80, -56.96
CIE LCh	59, 57.025, 272.817
Yxy	26.9686, 0.1864, 0.1911
Android (android.graphics.Color)	4278227698 (0xFF0092F2)
YUV	113.2900, 63.4540, -99.3553
Hunter-Lab	51.9313, -0.4603, -63.9161

Details

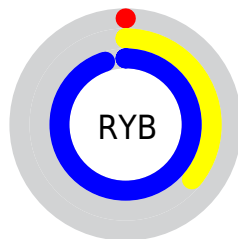
The XYZ color **26.3059, 26.9686, 87.8234** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **40.8075, 27.2554, 3.1119**, and the grayscale version is **15.6309, 16.4449, 17.9085**.

A 20% lighter version of the original color is **44.7801, 51.3181, 102.1530**, and **12.9398, 11.8685, 47.5078** is the 20% darker color. If you saturate the color by 10%, you get **26.3021, 26.9608, 87.8227**, and if you desaturate by 10%, it is **28.2323, 30.2525, 88.3563**.

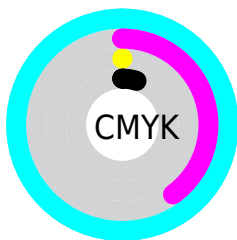
Distribution



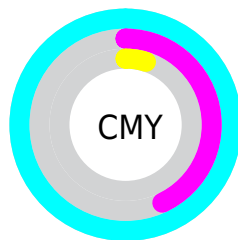
- Red (0%)
- Green (57%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (43%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3059, 26.9686, 87.8234 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 26.3059, 26.9686, 87.8234 by changing the saturation by 10% instead.

■ 26.3059, 26.9686,
87.8234

■ 26.3059, 26.9686,
87.8234

276.5097,
287.5051, 541.3110

■ 17.1865, 17.5496,
65.6133

■ 53.1958, 54.8335,
146.2202

■ 10.4637, 10.6271,
47.5041

■ 71.6971, 74.0482,
183.2441

■ 5.7721, 5.8167,
33.0771

■ 94.0563, 97.2969,
226.0429

■ 2.7463, 2.7339,
21.9139

■ 120.6389,
124.9641, 275.0353

■ 1.0211, 0.9945,
13.5960

■ 151.8101,
157.4341, 330.6398

■ 0.0000, 0.0000,
7.7047

187.9355,

■ 0.0000, 0.0000,

195.0913, 393.2749

3.8215

229.3802,
238.3202, 463.3591

■ 0.0000, 0.0000,
1.5279

■ 0.0000, 0.0000,
0.2386

■ 26.3059, 26.9686,
87.8234

■ 26.3059, 26.9686,
87.8234

■ 26.3021, 26.9608,
87.8227

■ 28.2323, 30.2525,
88.3563

■ 30.7606, 34.0354,
88.9533

■ 34.0424, 38.4000,
89.6227

■ 38.1688, 43.3972,
90.3698

■ 43.2166, 49.0705,
91.1988

■ 49.2532, 55.4587,
92.1137

■ 56.3392, 62.5966,
93.1180

■ 64.5301, 70.5165,
94.2150

■ 73.8772, 79.2484,
95.4078

Harmonies

Analogous

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



19.9183, 26.9686, 79.2996



26.3059, 26.9686, 87.8234



33.7160, 26.9686, 75.6512

Triad

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



26.3059, 26.9686, 87.8234



38.8170, 26.9686, 12.9322



15.3545, 26.9686, 14.9443

Complementary

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



26.3059, 26.9686, 87.8234



40.8075, 27.2554, 3.1119

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.



18.9573, 26.9686, 7.3117



26.3059, 26.9686, 87.8234



32.3476, 26.9686, 6.5812

Square

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



26.3059, 26.9686, 87.8234



41.7219, 26.9686, 27.4944



24.9714, 26.9686, 5.1353



14.3247, 26.9686, 31.3169

Rectangle

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



26.3059, 26.9686, 87.8234



38.0402, 26.9686, 59.6829



24.9714, 26.9686, 5.1353



16.2676, 26.9686, 11.5783

Sweetspot

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



26.3070, 26.9694, 87.8241



63.3543, 70.4028, 104.8577



33.7205, 64.2921, 20.9438



12.8077, 14.3199, 22.3389



0.0000, 0.0000, 0.0000



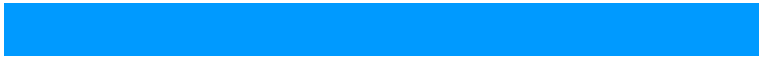
20.3446, 21.4041, 23.3091

Same Dimension

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



26.3070, 26.9694, 87.8241



29.5752, 30.2705, 98.8917



16.4502, 7.2557, 84.5385



15.6905, 16.8151, 20.1403



14.2668, 14.7578, 47.2245



1.2837, 1.4214, 3.9609

Inverse Universe

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



41.8073, 20.9542, 29.0357



47.0574, 23.5870, 32.5640



60.6083, 66.8569, 9.7122



16.1732, 15.9190, 18.4684



22.5268, 11.2832, 15.9567



1.9229, 0.9582, 1.5849

Previews

White Background



This preview shows how the XYZ color 26.3059, 26.9686, 87.8234 looks on a white background.

Color Contrast Check

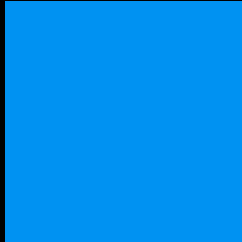
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3059, 26.9686, 87.8234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

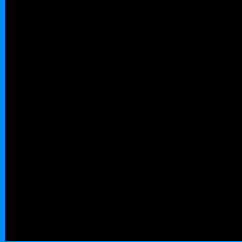
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

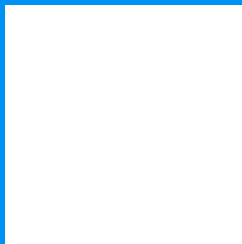
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3059, 26.9686, 87.8234

Background



This preview shows how black text looks on a background with the XYZ color 26.3059, 26.9686, 87.8234.



This preview shows how white text looks on a background with the XYZ color 26.3059, 26.9686,

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

26.3059, 26.9686, 87.8234

Protanopia

29.3066, 26.8842, 81.4864

Deuteranopia

27.9867, 27.1401, 88.5575



Tritanopia

19.1249, 26.9411, 41.2380

Trichromacy



Original Color

26.3059, 26.9686, 87.8234

Protanomaly

26.9253, 26.2542, 83.7692

Deuteranomaly

26.9876, 26.8489, 88.5540

Tritanomaly

21.2416, 26.7226, 55.6682

Monochromacy



Original Color

26.3059, 26.9686, 87.8234

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.3513, 18.5830, 35.9828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3059, 26.9686, 87.8234 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, 146, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 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, 146, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 242) }
```

Border

The CSS property to change the border of an element to XYZ 26.3059, 26.9686, 87.8234 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, 146, 242) }
```


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

```
.border{ border-color:rgb(0, 146, 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, 146, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3059, 26.9686, 87.8234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 242) }
```

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

```
.background{ background-color: rgb(0, 146,  
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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