

Converting Colors

XYZ(26.1516, 26.1766, 89.2622)

Have a look what the booklet for
XYZ(26.1516, 26.1766, 89.2622)
contains.

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Color

**XYZ(26.1516, 26.1766,
89.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	008FF4
RGB	0, 143, 244
RGB Percent	0%, 56%, 96%
CMY	0.9997, 0.4392, 0.0431
CMYK	1.00, 0.41, 0.00, 0.04
HSL	205°, 100%, 48%
HSV	205°, 100%, 96%
XYZ	26.1516, 26.1766, 89.2622
YIQ	111.7570, -117.6490, 1.0950

Conversions

Conversions Part 2

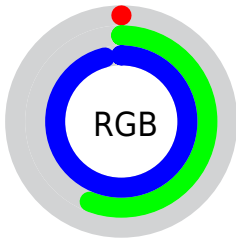
Format	Color
R _{YB}	0, 90, 244
Decimal	36852
CIE _{Lab}	58.20, 5.36, -59.24
CIE _{LCh}	58, 59.486, 275.168
Y _{xy}	26.1766, 0.1847, 0.1849
Android (android.graphics.Color)	4278226932 (0xFF008FF4)
YUV	111.7570, 65.1958, -98.0109
Hunter-Lab	51.1631, 1.7035, -67.6268

Details

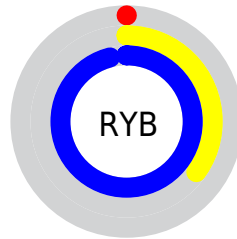
The XYZ color **26.1516, 26.1766, 89.2622** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark saturated azure. A complement of this color would be **41.9692, 28.5540, 3.3014**, and the grayscale version is **15.1764, 15.9667, 17.3878**.

A 20% lighter version of the original color is **44.0966, 49.9511, 101.9251**, and **12.9723, 11.5933, 48.5677** is the 20% darker color. If you saturate the color by 10%, you get **26.1476, 26.1684, 89.2614**, and if you desaturate by 10%, it is **28.1254, 29.5482, 89.8096**.

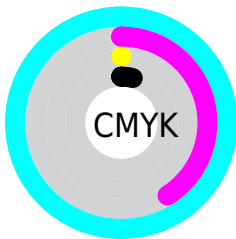
Distribution



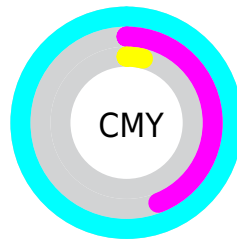
- Red (0%)
- Green (56%)
- Blue (96%)



- Red (0%)
- Yellow (35%)
- Blue (96%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1516, 26.1766, 89.2622 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 26.1516, 26.1766, 89.2622 by changing the saturation by 10% instead.

■ 26.1516, 26.1766,
89.2622

■ 26.1516, 26.1766,
89.2622

275.7685,
283.6479, 546.1359

■ 17.0704, 16.9558,
66.7986

■ 52.9490, 53.5597,
148.2397

■ 10.3803, 10.2030,
48.4604

■ 71.3958, 72.4908,
185.5907

■ 5.7160, 5.5338,
33.8291

■ 93.6952, 95.4275,
228.7412

■ 2.7122, 2.5637,
22.4860

■ 120.2126,
122.7541, 278.1098

■ 1.0035, 0.9085,
14.0127

■ 151.3133,
154.8550, 334.1150

■ 0.0000, 0.0000,
7.9907

187.3626,

■ 0.0000, 0.0000,

192.1147, 397.1755

4.0013

228.7259,
234.9176, 467.7096

■ 0.0000, 0.0000,
1.6261

■ 0.0000, 0.0000,
0.3093

■ 26.1516, 26.1766,
89.2622

■ 26.1516, 26.1766,
89.2622

■ 26.1476, 26.1684,
89.2614

■ 28.1254, 29.5482,
89.8096

■ 30.7234, 33.4492,
90.4256

■ 34.1003, 37.9646,
91.1192

■ 38.3492, 43.1473,
91.8956

■ 43.5490, 49.0423,
92.7594

■ 49.7690, 55.6900,
93.7147

■ 57.0712, 63.1267,
94.7653

■ 65.5127, 71.3861,
95.9146

■ 75.1462, 80.4994,
97.1659

Harmonies

Analogous

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



19.4938, 26.1766, 81.9493



26.1516, 26.1766, 89.2622



33.7628, 26.1766, 74.9193

Triad

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



26.1516, 26.1766, 89.2622



38.0407, 26.1766, 11.1880



14.2885, 26.1766, 14.8537

Complementary

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



26.1516, 26.1766, 89.2622



41.9692, 28.5540, 3.3014

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.



17.7104, 26.1766, 6.7899



26.1516, 26.1766, 89.2622



31.1770, 26.1766, 5.5046

Square

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



26.1516, 26.1766, 89.2622



41.4245, 26.1766, 25.0685



23.6504, 26.1766, 4.4119



13.4574, 26.1766, 32.2352

Rectangle

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



26.1516, 26.1766, 89.2622



38.1028, 26.1766, 57.7740



23.6504, 26.1766, 4.4119



15.1364, 26.1766, 11.2908

Sweetspot

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



26.1527, 26.1774, 89.2629



62.9997, 69.6936, 104.7395



34.5395, 65.5773, 22.3039



12.7234, 14.1512, 22.3108



0.0000, 0.0000, 0.0000



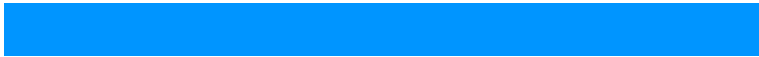
20.3446, 21.4041, 23.3091

Same Dimension

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



26.1527, 26.1774, 89.2629



28.8637, 28.8473, 98.6546



16.6663, 7.2046, 86.1008



16.3881, 17.5404, 21.0645



14.3555, 14.5048, 48.5811



1.3629, 1.4772, 4.3035

Inverse Universe

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



42.2672, 21.2179, 27.8547



46.6982, 23.4433, 30.6727



62.7992, 70.2140, 10.2447



16.9065, 16.6454, 19.2540



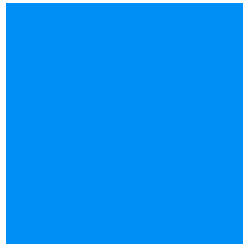
23.0505, 11.5636, 15.5063



2.0770, 1.0368, 1.6319

Previews

White Background



This preview shows how the XYZ color 26.1516, 26.1766, 89.2622 looks on a white background.

Color Contrast Check

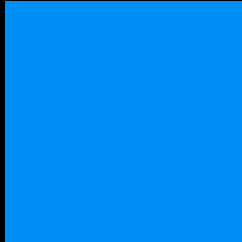
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1516, 26.1766, 89.2622 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

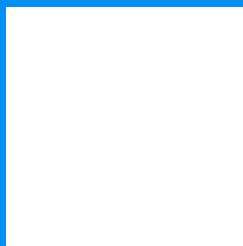
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1516, 26.1766, 89.2622

Background



This preview shows how black text looks on a background with the XYZ color 26.1516, 26.1766, 89.2622.



This preview shows how white text looks on a background with the XYZ color 26.1516, 26.1766,

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

26.1516, 26.1766, 89.2622

Protanopia

28.8095, 26.1556, 83.6509

Deuteranopia

27.2252, 26.2707, 90.0220



Tritanopia

18.5129, 26.1593, 39.6708

Trichromacy



Original Color

26.1516, 26.1766, 89.2622

Protanomaly

26.8243, 25.7172, 85.9882

Deuteranomaly

26.7195, 26.2299, 90.0408

Tritanomaly

20.8042, 26.0283, 54.9664

Monochromacy



Original Color

26.1516, 26.1766, 89.2622

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.0267, 18.0436, 35.8958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1516, 26.1766, 89.2622 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, 143, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 244)  
}
```

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, 143, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 244) }
```

Border

The CSS property to change the border of an element to XYZ 26.1516, 26.1766, 89.2622 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, 143, 244) }
```


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

```
.border{ border-color:rgb(0, 143, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1516, 26.1766, 89.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 244) }
```

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

```
.background{ background-color: rgb(0, 143,  
244) }
```

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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