

Converting Colors

XYZ(19.4520, 24.2797, 85.9520)

Have a look what the booklet for
XYZ(19.4520, 24.2797, 85.9520)
contains.

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Color

**XYZ(26.4756, 27.7862,
86.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	0095F0
RGB	0, 149, 240
RGB Percent	0%, 58%, 94%
CMY	0.9998, 0.4157, 0.0588
CMYK	1.00, 0.38, 0.00, 0.06
HSL	203°, 100%, 47%
HSV	203°, 100%, 94%
XYZ	26.4756, 27.7862, 86.4059
YIQ	114.8230, -118.0150, -3.2870

Conversions

Conversions Part 2

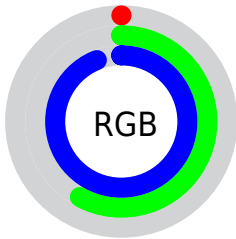
Format	Color
R _{YB}	0, 92, 240
Decimal	38384
CIE Lab	59.70, 0.27, -54.66
CIE LCh	60, 54.656, 270.283
Yxy	27.7862, 0.1882, 0.1975
Android (android.graphics.Color)	4278228464 (0xFF0095F0)
YUV	114.8230, 61.7123, -100.6998
Hunter-Lab	52.7126, -2.5931, -60.2886

Details

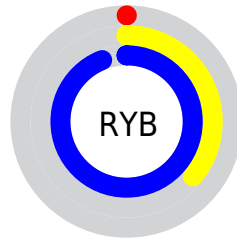
The XYZ color **26.4756, 27.7862, 86.4059** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **39.6822, 26.0183, 2.9324**, and the grayscale version is **16.0930, 16.9311, 18.4380**.

A 20% lighter version of the original color is **45.5903, 53.1200, 102.4581**, and **13.0091, 12.3426, 46.4964** is the 20% darker color. If you saturate the color by 10%, you get **26.4722, 27.7791, 86.4053**, and if you desaturate by 10%, it is **28.3510, 30.9754, 86.9233**.

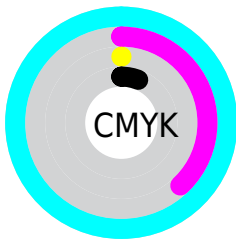
Distribution



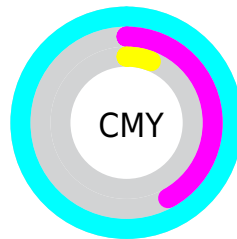
- Red (0%)
- Green (58%)
- Blue (94%)



- Red (0%)
- Yellow (36%)
- Blue (94%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (42%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4756, 27.7862, 86.4059 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 26.4756, 27.7862, 86.4059 by changing the saturation by 10% instead.

■ 26.4756, 27.7862,
86.4059

■ 26.4756, 27.7862,
86.4059

277.3231,
291.4439, 536.5341

■ 17.3143, 18.1646,
64.4469

■ 53.4671, 56.1429,
144.2273

■ 10.5555, 11.0682,
46.5642

■ 72.0280, 75.6468,
180.9268

■ 5.8339, 6.1127,
32.3394

■ 94.4528, 99.2135,
223.3768

■ 2.7840, 2.9137,
21.3539

■ 121.1069,
127.2275, 271.9959

■ 1.0406, 1.0869,
13.1892

■ 152.3556,
160.0731, 327.2027

■ 0.0000, 0.0000,
7.4267

188.5643,

■ 0.0000, 0.0000,

198.1348, 389.4156

3.6479

230.0984,
241.7969, 459.0532

■ 0.0000, 0.0000,
1.4342

■ 0.0000, 0.0000,
0.1682

■ 26.4756, 27.7862,
86.4059

■ 26.4756, 27.7862,
86.4059

■ 26.4722, 27.7791,
86.4053

■ 28.3510, 30.9754,
86.9233

■ 30.8067, 34.6342,
87.5001

■ 33.9913, 38.8432,
88.1446

■ 37.9938, 43.6515,
88.8618

■ 42.8889, 49.1012,
89.6557

■ 48.7424, 55.2294,
90.5300

■ 55.6135, 62.0696,
91.4882

■ 63.5560, 69.6530,
92.5333

■ 72.6200, 78.0082,
93.6683

Harmonies

Analogous

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



20.3619, 27.7862, 76.7295



26.4756, 27.7862, 86.4059



33.6842, 27.7862, 76.3807

Triad

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



26.4756, 27.7862, 86.4059



39.6092, 27.7862, 14.8495



16.4787, 27.7862, 15.0528

Complementary

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



26.4756, 27.7862, 86.4059



39.6822, 26.0183, 2.9324

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.



20.2665, 27.7862, 7.8699



26.4756, 27.7862, 86.4059



33.5507, 27.7862, 7.7936

Square

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



26.4756, 27.7862, 86.4059



42.0297, 27.7862, 30.0670



26.3444, 27.7862, 5.9400



15.2369, 27.7862, 30.4427

Rectangle

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



26.4756, 27.7862, 86.4059



37.9913, 27.7862, 61.6231



26.3444, 27.7862, 5.9400



17.4597, 27.7862, 11.8856

Sweetspot

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



26.4767, 27.7870, 86.4066



63.7177, 71.1296, 104.9788



32.9242, 63.0263, 19.6712



12.8943, 14.4930, 22.3678



0.0000, 0.0000, 0.0000



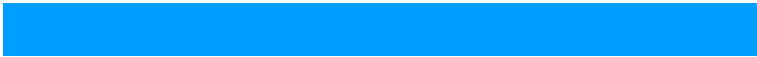
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4767, 27.7870, 86.4066



30.3261, 31.7722, 99.1420



16.2471, 7.3277, 82.9967



15.7145, 16.8632, 20.1483



14.6235, 15.4712, 47.3434



1.3121, 1.4782, 3.9704

Inverse Universe

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



41.3610, 20.6967, 30.2492



47.4364, 23.7386, 34.5598



58.4939, 63.6417, 9.2029



16.1853, 15.9238, 18.5322



22.7069, 11.3552, 16.9049



1.9372, 0.9639, 1.6604

Previews

White Background



This preview shows how the XYZ color 26.4756, 27.7862, 86.4059 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 26.4756, 27.7862, 86.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

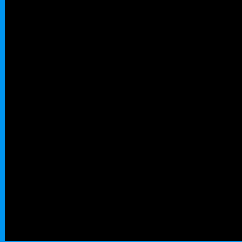
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

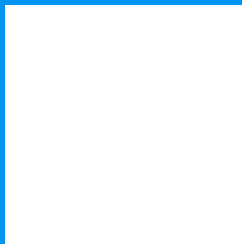
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4756, 27.7862, 86.4059

Background



This preview shows how black text looks on a background with the XYZ color 26.4756, 27.7862, 86.4059.



This preview shows how white text looks on a background with the XYZ color 26.4756, 27.7862,

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

26.4756, 27.7862, 86.4059

Protanopia

30.0070, 27.7082, 80.1106

Deuteranopia

28.6745, 27.7532, 87.0647



Tritanopia

19.6538, 27.6986, 42.3407

Trichromacy



Original Color

26.4756, 27.7862, 86.4059

Protanomaly

27.2018, 26.8720, 82.3504

Deuteranomaly

27.3284, 27.5130, 87.0893

Tritanomaly

21.5717, 27.3828, 55.7782

Monochromacy



Original Color

26.4756, 27.7862, 86.4059

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6822, 19.1333, 36.0716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4756, 27.7862, 86.4059 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, 149, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 240)  
}
```

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, 149, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 240) }
```

Border

The CSS property to change the border of an element to XYZ 26.4756, 27.7862, 86.4059 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, 149, 240) }
```


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

```
.border{ border-color:rgb(0, 149, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4756, 27.7862, 86.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 240) }
```

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

```
.background{ background-color: rgb(0, 149,  
240) }
```

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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