

Converting Colors

XYZ(26.5740, 27.4446, 88.0981)

Have a look what the booklet for
XYZ(26.5740, 27.4446, 88.0981)
contains.

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Color

**XYZ(26.4607, 27.2782,
87.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	0093F2
RGB	0, 147, 242
RGB Percent	0%, 58%, 95%
CMY	0.9997, 0.4235, 0.0510
CMYK	1.00, 0.39, 0.00, 0.05
HSL	204°, 100%, 47%
HSV	204°, 100%, 95%
XYZ	26.4607, 27.2782, 87.8750
YIQ	113.8770, -118.1070, -1.6190

Conversions

Conversions Part 2

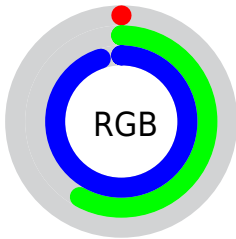
Format	Color
R _{YB}	0, 91, 242
Decimal	37874
CIE Lab	59.23, 2.21, -56.50
CIE LCh	59, 56.543, 272.239
Yxy	27.2782, 0.1869, 0.1926
Android (android.graphics.Color)	4278227954 (0xFF0093F2)
YUV	113.8770, 63.1646, -99.8701
Hunter-Lab	52.2285, -0.9659, -63.1960

Details

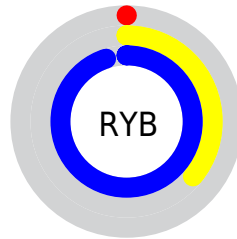
The XYZ color **26.4607, 27.2782, 87.8750** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **40.7168, 27.0739, 3.0817**, and the grayscale version is **15.8060, 16.6291, 18.1091**.

A 20% lighter version of the original color is **45.0110, 51.7798, 102.2299**, and **13.0317, 12.0522, 47.5384** is the 20% darker color. If you saturate the color by 10%, you get **26.4569, 27.2705, 87.8743**, and if you desaturate by 10%, it is **28.3833, 30.5546, 88.4067**.

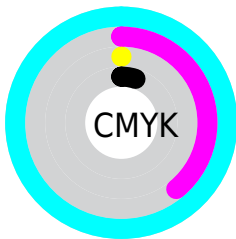
Distribution



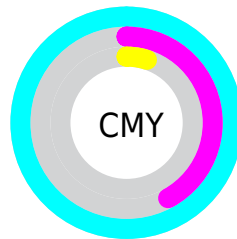
- Red (0%)
- Green (58%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4607, 27.2782, 87.8750 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 26.4607, 27.2782, 87.8750 by changing the saturation by 10% instead.

■ 26.4607, 27.2782,
87.8750

■ 26.4607, 27.2782,
87.8750

277.2518,
289.0016, 541.4845

■ 17.3031, 17.7823,
65.6558

■ 53.4433, 55.3300,
146.2927

■ 10.5475, 10.7938,
47.5383

■ 71.9989, 74.6546,
183.3283

■ 5.8285, 5.9283,
33.1040

■ 94.4180, 98.0242,
226.1398

■ 2.7807, 2.8016,
21.9344

■ 121.0658,
125.8233, 275.1458

■ 1.0389, 1.0290,
13.6108

■ 152.3078,
158.4362, 330.7646

■ 0.0000, 0.0000,
7.7149

188.5091,

■ 0.0000, 0.0000,

196.2473, 393.4150

3.8279

230.0354,
239.6409, 463.5155

■ 0.0000, 0.0000,
1.5314

■ 0.0000, 0.0000,
0.2412

■ 26.4607, 27.2782,
87.8750

■ 26.4607, 27.2782,
87.8750

■ 26.4569, 27.2705,
87.8743

■ 28.3833, 30.5546,
88.4067

■ 30.9055, 34.3253,
89.0016

■ 34.1788, 38.6727,
89.6682

■ 38.2941, 43.6476,
90.4116

■ 43.3281, 49.2934,
91.2360

■ 49.3481, 55.6485,
92.1453

■ 56.4148, 62.7477,
93.1432

■ 64.5834, 70.6232,
94.2328

■ 73.9053, 79.3047,
95.4171

Harmonies

Analogous

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



20.1091, 27.2782, 79.0365



26.4607, 27.2782, 87.8750



33.8561, 27.2782, 76.1576

Triad

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



26.4607, 27.2782, 87.8750



39.1738, 27.2782, 13.4256



15.6821, 27.2782, 15.0343

Complementary

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



26.4607, 27.2782, 87.8750



40.7168, 27.0739, 3.0817

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.



19.3441, 27.2782, 7.4723



26.4607, 27.2782, 87.8750



32.7712, 27.2782, 6.8836

Square

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



26.4607, 27.2782, 87.8750



41.9778, 27.2782, 28.2092



25.4007, 27.2782, 5.3403



14.5990, 27.2782, 31.2451

Rectangle

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



26.4607, 27.2782, 87.8750



38.1954, 27.2782, 60.4012



25.4007, 27.2782, 5.3403



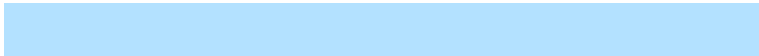
16.6150, 27.2782, 11.7001

Sweetspot

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



26.4618, 27.2790, 87.8757



63.4397, 70.5735, 104.8862



33.7205, 64.2921, 20.9438



12.8280, 14.3606, 22.3457



0.0000, 0.0000, 0.0000



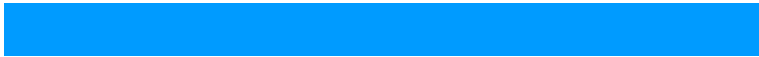
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4618, 27.2790, 87.8757



29.7497, 30.6193, 98.9499



16.4502, 7.2557, 84.5385



15.6962, 16.8264, 20.1422



14.3497, 14.9236, 47.2521



1.2903, 1.4346, 3.9631

Inverse Universe

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



41.8855, 20.9854, 29.4471



47.1455, 23.6222, 33.0277



60.6083, 66.8569, 9.7122



16.1761, 15.9201, 18.4834



22.5687, 11.2999, 16.1771



1.9262, 0.9595, 1.6025

Previews

White Background



This preview shows how the XYZ color 26.4607, 27.2782, 87.8750 looks on a white background.

Color Contrast Check

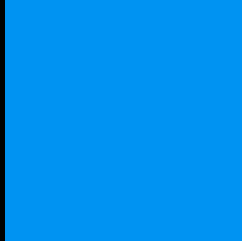
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4607, 27.2782, 87.8750 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

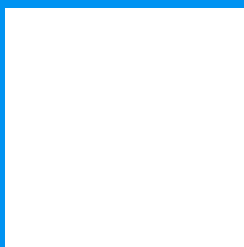
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4607, 27.2782, 87.8750

Background



This preview shows how black text looks on a background with the XYZ color 26.4607, 27.2782, 87.8750.

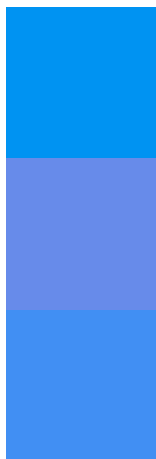


This preview shows how white text looks on a background with the XYZ color 26.4607, 27.2782,

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

26.4607, 27.2782, 87.8750

Protanopia

29.6774, 27.2893, 81.5451

Deuteranopia

28.1801, 27.2398, 88.5666



Tritanopia

19.3883, 27.3183, 41.7872

Trichromacy



Original Color

26.4607, 27.2782, 87.8750

Protanomaly

27.2058, 26.6187, 83.8248

Deuteranomaly

27.0654, 26.8890, 88.5576

Tritanomaly

21.5194, 27.0967, 56.3206

Monochromacy



Original Color

26.4607, 27.2782, 87.8750

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.6415, 18.9114, 36.4914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4607, 27.2782, 87.8750 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, 147, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 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, 147, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 242) }
```

Border

The CSS property to change the border of an element to XYZ 26.4607, 27.2782, 87.8750 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, 147, 242) }
```


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

```
.border{ border-color:rgb(0, 147, 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, 147, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4607, 27.2782, 87.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 242) }
```

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

```
.background{ background-color: rgb(0, 147,  
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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