

Converting Colors

XYZ(26.7809, 27.3716, 90.1166)

Have a look what the booklet for
XYZ(26.7809, 27.3716, 90.1166)
contains.

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Color

**XYZ(26.9151, 27.4600,
90.2679)**

Conversions

Conversions Part 1

Format	Color
Hex	0093F5
RGB	0, 147, 245
RGB Percent	0%, 58%, 96%
CMY	0.9997, 0.4235, 0.0392
CMYK	1.00, 0.40, 0.00, 0.04
HSL	204°, 100%, 48%
HSV	204°, 100%, 96%
XYZ	26.9151, 27.4600, 90.2679
YIQ	114.2190, -119.0700, -0.6860

Conversions

Conversions Part 2

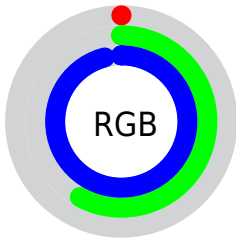
Format	Color
R _{YB}	0, 92, 245
Decimal	37877
CIE Lab	59.40, 3.35, -57.89
CIE LCh	59, 57.984, 273.311
Yxy	27.4600, 0.1861, 0.1898
Android (android.graphics.Color)	4278227957 (0xFF0093F5)
YUV	114.2190, 64.4750, -100.1701
Hunter-Lab	52.4023, -0.0220, -65.4510

Details

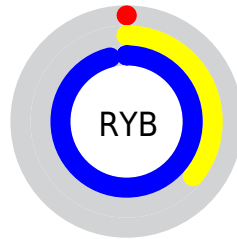
The XYZ color **26.9151, 27.4600, 90.2679** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **42.0306, 28.1603, 3.2221**, and the grayscale version is **15.9043, 16.7326, 18.2218**.

A 20% lighter version of the original color is **45.0110, 51.7798, 102.2299**, and **13.3518, 12.1802, 49.2243** is the 20% darker color. If you saturate the color by 10%, you get **26.9114, 27.4523, 90.2672**, and if you desaturate by 10%, it is **28.8956, 30.8414, 90.8168**.

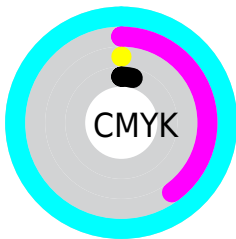
Distribution



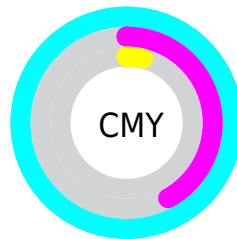
- Red (0%)
- Green (58%)
- Blue (96%)



- Red (0%)
- Yellow (36%)
- Blue (96%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (42%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9151, 27.4600, 90.2679 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 26.9151, 27.4600, 90.2679 by changing the saturation by 10% instead.

■ 26.9151, 27.4600,
90.2679

■ 26.9151, 27.4600,
90.2679

279.4209,
289.8775, 549.4945

■ 17.6457, 17.9190,
67.6279

■ 54.1684, 55.6211,
149.6492

■ 10.7941, 10.8918,
49.1303

■ 72.8831, 75.0101,
187.2276

■ 5.9948, 5.9942,
34.3565

■ 95.4770, 98.4504,
230.6226

■ 2.8826, 2.8415,
22.8880

■ 122.3153,
126.3266, 280.2526

■ 1.0920, 1.0496,
14.3063

■ 153.7635,
159.0230, 336.5363

■ 0.0184, 0.0000,
8.1929

190.1869,

■ 0.0000, 0.0000,

196.9240, 399.8922

4.1291

231.9509,
240.4141, 470.7387

■ 0.0000, 0.0000,
1.6964

■ 0.0000, 0.0000,
0.3583

■ 26.9151, 27.4600,
90.2679

■ 26.9151, 27.4600,
90.2679

■ 26.9114, 27.4523,
90.2672

■ 28.8956, 30.8414,
90.8168

■ 31.4980, 34.7406,
91.4323

■ 34.8779, 39.2425,
92.1231

■ 39.1291, 44.3999,
92.8945

■ 44.3310, 50.2578,
93.7510

■ 50.5532, 56.8561,
94.6967

■ 57.8581, 64.2311,
95.7352

■ 66.3031, 72.4160,
96.8699

■ 75.9410, 81.4420,
98.1042

Harmonies

Analogous

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



20.3147, 27.4600, 81.7838



26.9151, 27.4600, 90.2679



34.5483, 27.4600, 77.3470

Triad

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



26.9151, 27.4600, 90.2679



39.6019, 27.4600, 12.8698



15.5022, 27.4600, 15.2890

Complementary

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



26.9151, 27.4600, 90.2679



42.0306, 28.1603, 3.2221

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.



19.1550, 27.4600, 7.3784



26.9151, 27.4600, 90.2679



32.8908, 27.4600, 6.5061

Square

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



26.9151, 27.4600, 90.2679



42.6783, 27.4600, 27.6475



25.3013, 27.4600, 5.1032



14.4899, 27.4600, 32.2701

Rectangle

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



26.9151, 27.4600, 90.2679



38.9815, 27.4600, 60.7399



25.3013, 27.4600, 5.1032



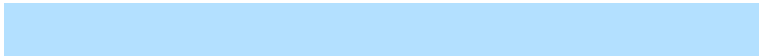
16.4238, 27.4600, 11.7995

Sweetspot

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



26.9163, 27.4608, 90.2686



63.2862, 70.2665, 104.8350



34.8599, 66.1883, 22.5034



12.7915, 14.2875, 22.3335



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.



26.9163, 27.4608, 90.2686



29.4369, 29.9938, 98.8456



16.8206, 7.2696, 86.9034



16.4081, 17.5804, 21.0711



14.6368, 15.0673, 48.6749



1.3868, 1.5251, 4.3115

Inverse Universe

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



42.9237, 21.5207, 29.4958



46.9876, 23.5590, 32.1963



63.3833, 70.8658, 10.3397



16.9165, 16.6495, 19.3071



23.1925, 11.6204, 16.2538



2.0891, 1.0416, 1.6954

Previews

White Background



This preview shows how the XYZ color 26.9151, 27.4600, 90.2679 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 26.9151, 27.4600, 90.2679 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

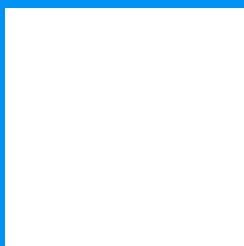
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9151, 27.4600, 90.2679

Background



This preview shows how black text looks on a background with the XYZ color 26.9151, 27.4600, 90.2679.



This preview shows how white text looks on a background with the XYZ color 26.9151, 27.4600,

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

26.9151, 27.4600, 90.2679

Protanopia

29.8855, 27.3464, 83.8240

Deuteranopia

28.5323, 27.5924, 91.0108



Tritanopia

19.3883, 27.3183, 41.7872

Trichromacy



Original Color

26.9151, 27.4600, 90.2679

Protanomaly

27.5155, 26.7273, 86.1467

Deuteranomaly

27.5967, 27.3360, 91.0106

Tritanomaly

21.6336, 27.1424, 56.9221

Monochromacy



Original Color

26.9151, 27.4600, 90.2679

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.7301, 18.9468, 36.9577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9151, 27.4600, 90.2679 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 245) }
```

Border

The CSS property to change the border of an element to XYZ 26.9151, 27.4600, 90.2679 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, 245) }
```


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

```
.border{ border-color:rgb(0, 147, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9151, 27.4600, 90.2679 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, 245) }
```

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

```
.background{ background-color: rgb(0, 147,  
245) }
```

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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