

Converting Colors

XYZ(26.0322, 27.1357, 85.5293)

Have a look what the booklet for
XYZ(26.0322, 27.1357, 85.5293)
contains.

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Color

**XYZ(26.0137, 27.0994,
85.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	0093EF
RGB	0, 147, 239
RGB Percent	0%, 58%, 94%
CMY	0.9997, 0.4235, 0.0627
CMYK	1.00, 0.38, 0.00, 0.06
HSL	203°, 100%, 47%
HSV	203°, 100%, 94%
XYZ	26.0137, 27.0994, 85.5210
YIQ	113.5350, -117.1440, -2.5520

Conversions

Conversions Part 2

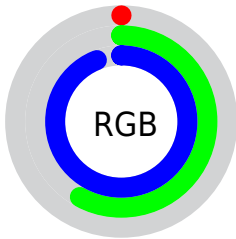
Format	Color
R _{YB}	0, 91, 239
Decimal	37871
CIE _{Lab}	59.07, 1.07, -55.11
CIE _{LCh}	59, 55.116, 271.113
Yxy	27.0994, 0.1876, 0.1955
Android (android.graphics.Color)	4278227951 (0xFF0093EF)
YUV	113.5350, 61.8542, -99.5702
Hunter-Lab	52.0571, -1.9008, -60.9635

Details

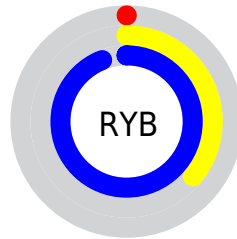
The XYZ color **26.0137, 27.0994, 85.5210** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **39.4302, 26.0168, 2.9455**, and the grayscale version is **15.7079, 16.5259, 17.9967**.

A 20% lighter version of the original color is **45.1210, 52.1814, 102.3016**, and **12.7182, 11.9268, 45.8877** is the 20% darker color. If you saturate the color by 10%, you get **26.0100, 27.0918, 85.5203**, and if you desaturate by 10%, it is **27.8787, 30.2711, 86.0355**.

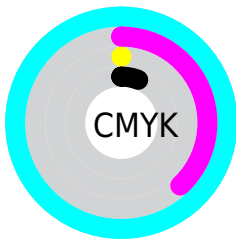
Distribution



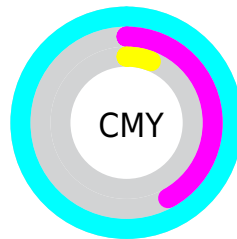
- Red (0%)
- Green (58%)
- Blue (94%)



- 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 26.0137, 27.0994, 85.5210 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 26.0137, 27.0994, 85.5210 by changing the saturation by 10% instead.

■ 26.0137, 27.0994,
85.5210

■ 26.0137, 27.0994,
85.5210

275.1048,
288.1381, 533.5399

■ 16.9666, 17.6479,
63.7193

■ 52.7282, 55.0433,
142.9815

■ 10.3059, 10.6975,
45.9787

■ 71.1263, 74.3045,
179.4774

■ 5.6660, 5.8638,
31.8804

■ 93.3722, 97.6044,
221.7084

■ 2.6818, 2.7624,
21.0061

■ 119.8311,
125.3274, 270.0932

■ 0.9878, 1.0090,
12.9372

■ 150.8685,
157.8579, 325.0502

■ 0.0000, 0.0000,
7.2551

186.8496,

■ 0.0000, 0.0000,

195.5802, 386.9979

3.5413

228.1400,
238.8788, 456.3550

■ 0.0000, 0.0000,
1.3772

■ 0.0000, 0.0000,
0.1239

■ 26.0137, 27.0994,
85.5210

■ 26.0137, 27.0994,
85.5210

■ 26.0100, 27.0918,
85.5203

■ 27.8787, 30.2711,
86.0355

■ 30.3213, 33.9142,
86.6100

■ 33.4892, 38.1086,
87.2526

■ 37.4703, 42.9034,
87.9683

■ 42.3390, 48.3403,
88.7611

■ 48.1602, 54.4561,
89.6348

■ 54.9927, 61.2845,
90.5927

■ 62.8899, 68.8563,
91.6379

■ 71.9015, 77.2002,
92.7735

Harmonies

Analogous

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



19.9074, 27.0994, 76.3495



26.0137, 27.0994, 85.5210



33.1749, 27.0994, 74.9777

Triad

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



26.0137, 27.0994, 85.5210



38.7497, 27.0994, 13.9997



15.8658, 27.0994, 14.7855

Complementary

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



26.0137, 27.0994, 85.5210



39.4302, 26.0168, 2.9455

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.



19.5368, 27.0994, 7.5695



26.0137, 27.0994, 85.5210



32.6534, 27.0994, 7.2777

Square

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



26.0137, 27.0994, 85.5210



41.2858, 27.0994, 28.7804



25.5023, 27.0994, 5.5868



14.7111, 27.0994, 30.2450

Rectangle

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



26.0137, 27.0994, 85.5210



37.4213, 27.0994, 60.0628



25.5023, 27.0994, 5.5868



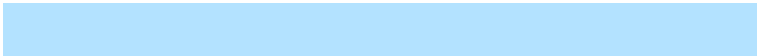
16.8100, 27.0994, 11.6042

Sweetspot

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



26.0148, 27.1002, 85.5217



63.5976, 70.8894, 104.9388



32.7844, 62.5006, 20.3830



12.8657, 14.4358, 22.3582



0.0000, 0.0000, 0.0000



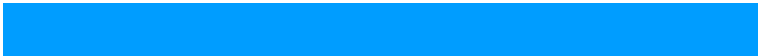
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0148, 27.1002, 85.5217



30.0755, 31.2711, 99.0585



15.9948, 7.0603, 82.1817



15.7066, 16.8473, 20.1456



14.5045, 15.2333, 47.3037



1.3027, 1.4593, 3.9672

Inverse Universe

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



40.8641, 20.4589, 29.3994



47.3099, 23.6880, 33.8939



58.9226, 65.0018, 9.4430



16.1813, 15.9222, 18.5112



22.6468, 11.3312, 16.5886



1.9325, 0.9620, 1.6352

Previews

White Background



This preview shows how the XYZ color 26.0137, 27.0994, 85.5210 looks on a white background.

Color Contrast Check

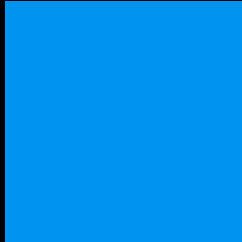
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0137, 27.0994, 85.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

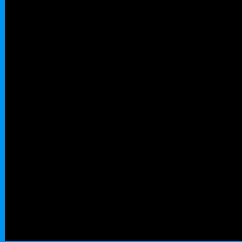
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

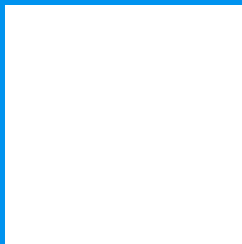
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0137, 27.0994, 85.5210

Background



This preview shows how black text looks on a background with the XYZ color 26.0137, 27.0994, 85.5210.

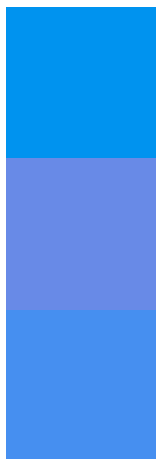


This preview shows how white text looks on a background with the XYZ color 26.0137, 27.0994,

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

26.0137, 27.0994, 85.5210

Protanopia

29.2212, 26.8895, 79.2514

Deuteranopia

28.0764, 27.2383, 86.2158



Tritanopia

19.1249, 26.9411, 41.2380

Trichromacy



Original Color

26.0137, 27.0994, 85.5210

Protanomaly

26.6229, 26.1485, 81.4859

Deuteranomaly

26.7836, 26.7957, 86.1985

Tritanomaly

21.1288, 26.6775, 55.0746

Monochromacy



Original Color

26.0137, 27.0994, 85.5210

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4665, 18.8414, 35.5698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0137, 27.0994, 85.5210 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 239) }
```

Border

The CSS property to change the border of an element to XYZ 26.0137, 27.0994, 85.5210 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, 239) }
```


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

```
.border{ border-color:rgb(0, 147, 239) }
```

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, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0137, 27.0994, 85.5210 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, 239) }
```

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

```
.background{ background-color: rgb(0, 147,  
239) }
```

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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