

Converting Colors

XYZ(23.1816, 25.9593, 88.3544)

Have a look what the booklet for
XYZ(23.1816, 25.9593, 88.3544)
contains.

XYZ(26.9251, 27.9660, 88.7729)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9251, 27.9660,
88.7729)**

Conversions

Conversions Part 1

Format	Color
Hex	0095F3
RGB	0, 149, 243
RGB Percent	0%, 58%, 95%
CMY	0.9997, 0.4157, 0.0471
CMYK	1.00, 0.39, 0.00, 0.05
HSL	203°, 100%, 48%
HSV	203°, 100%, 95%
XYZ	26.9251, 27.9660, 88.7729
YIQ	115.1650, -118.9780, -2.3540

Conversions

Conversions Part 2

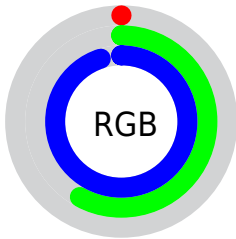
Format	Color
R _{YB}	0, 92, 243
Decimal	38387
CIE _{Lab}	59.86, 1.41, -56.05
CIE _{LCh}	60, 56.068, 271.436
Y _{xy}	27.9660, 0.1874, 0.1947
Android (android.graphics.Color)	4278228467 (0xFF0095F3)
YUV	115.1650, 63.0227, -100.9997
Hunter-Lab	52.8829, -1.6625, -62.5103

Details

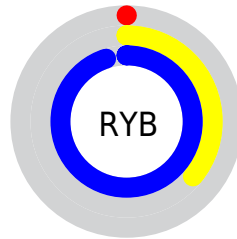
The XYZ color **26.9251, 27.9660, 88.7729** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **40.9712, 27.0719, 3.0678**, and the grayscale version is **16.1927, 17.0360, 18.5522**.

A 20% lighter version of the original color is **45.7126, 53.1831, 102.4638**, and **13.3248, 12.4689, 48.1588** is the 20% darker color. If you saturate the color by 10%, you get **26.9215, 27.9585, 88.7723**, and if you desaturate by 10%, it is **28.8591, 31.2615, 89.3077**.

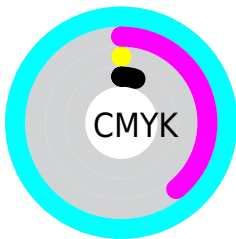
Distribution



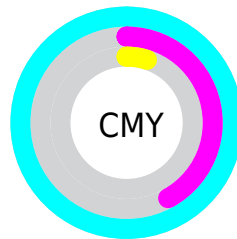
- Red (0%)
- Green (58%)
- Blue (95%)



- 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 26.9251, 27.9660, 88.7729 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 26.9251, 27.9660, 88.7729 by changing the saturation by 10% instead.

■ 26.9251, 27.9660,
88.7729

■ 26.9251, 27.9660,
88.7729

279.4685,
292.3044, 544.4978

■ 17.6533, 18.3000,
66.3954

■ 54.1844, 56.4302,
147.5533

■ 10.7995, 11.1656,
48.1349

■ 72.9026, 75.9971,
184.7933

■ 5.9985, 6.1783,
33.5730

■ 95.5002, 99.6332,
227.8245

■ 2.8848, 2.9538,
22.2911

■ 122.3428,
127.7229, 277.0654

■ 1.0931, 1.1077,
13.8706

■ 153.7955,
160.6504, 332.9347

■ 0.0194, 0.0000,
7.8930

190.2238,

■ 0.0000, 0.0000,

198.8002, 395.8508

3.9397

231.9930,
242.5568, 466.2323

■ 0.0000, 0.0000,
1.5923

■ 0.0000, 0.0000,
0.2854

■ 26.9251, 27.9660,
88.7729

■ 26.9251, 27.9660,
88.7729

■ 26.9215, 27.9585,
88.7723

■ 28.8591, 31.2615,
89.3077

■ 31.3952, 35.0496,
89.9052

■ 34.6862, 39.4130,
90.5740

■ 38.8238, 44.4030,
91.3191

■ 43.8854, 50.0631,
92.1448

■ 49.9390, 56.4318,
93.0550

■ 57.0455, 63.5442,
94.0533

■ 65.2608, 71.4324,
95.1429

■ 74.6365, 80.1264,
96.3268

Harmonies

Analogous

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



20.5643, 27.9660, 79.4201



26.9251, 27.9660, 88.7729



34.3693, 27.9660, 77.5745

Triad

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



26.9251, 27.9660, 88.7729



40.0378, 27.9660, 14.2520



16.2891, 27.9660, 15.3017

Complementary

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



26.9251, 27.9660, 88.7729



40.9712, 27.0719, 3.0678

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.



20.0680, 27.9660, 7.7686



26.9251, 27.9660, 88.7729



33.6695, 27.9660, 7.3803

Square

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



26.9251, 27.9660, 88.7729



42.7276, 27.9660, 29.4790



26.2395, 27.9660, 5.6822



15.1206, 27.9660, 31.4425

Rectangle

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



26.9251, 27.9660, 88.7729



38.7703, 27.9660, 61.9675



26.2395, 27.9660, 5.6822



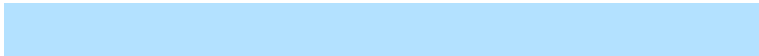
17.2585, 27.9660, 11.9807

Sweetspot

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



26.9263, 27.9668, 88.7736



63.5585, 70.8111, 104.9258



34.0359, 64.8958, 21.1325



12.8563, 14.4171, 22.3551



0.0000, 0.0000, 0.0000



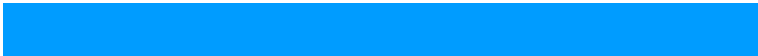
20.3446, 21.4041, 23.3091

Same Dimension

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



26.9263, 27.9668, 88.7736



29.9943, 31.1087, 99.0314



16.6036, 7.3215, 85.3328



16.4270, 17.6182, 21.0774



14.9100, 15.6139, 48.7660



1.4099, 1.5713, 4.3192

Inverse Universe

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



42.3881, 21.2262, 30.2973



47.2689, 23.6716, 33.6780



61.1763, 67.4820, 9.8029



16.9261, 16.6533, 19.3573



23.3304, 11.6756, 16.9802



2.1007, 1.0463, 1.7568

Previews

White Background



This preview shows how the XYZ color 26.9251, 27.9660, 88.7729 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 26.9251, 27.9660, 88.7729 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

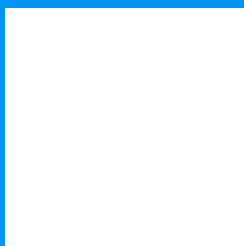
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9251, 27.9660, 88.7729

Background



This preview shows how black text looks on a background with the XYZ color 26.9251, 27.9660, 88.7729.



This preview shows how white text looks on a background with the XYZ color 26.9251, 27.9660,

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

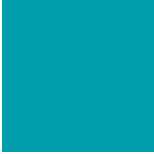
26.9251, 27.9660, 88.7729

Protanopia

30.1992, 27.7576, 82.3633

Deuteranopia

28.9803, 28.0845, 89.4814



Tritanopia

19.7488, 27.7365, 42.8409

Trichromacy



Original Color

26.9251, 27.9660, 88.7729

Protanomaly

27.5698, 27.0113, 84.6495

Deuteranomaly

27.6902, 27.6473, 89.4650

Tritanomaly

21.7994, 27.4739, 56.9774

Monochromacy



Original Color

26.9251, 27.9660, 88.7729

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.8586, 19.2038, 37.0006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9251, 27.9660, 88.7729 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 243) }
```

Border

The CSS property to change the border of an element to XYZ 26.9251, 27.9660, 88.7729 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, 243) }
```


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

```
.border{ border-color:rgb(0, 149, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9251, 27.9660, 88.7729 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, 243) }
```

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

```
.background{ background-color: rgb(0, 149,  
243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor