

Converting Colors

XYZ(27.0849, 26.3099, 94.9175)

Have a look what the booklet for
XYZ(27.0849, 26.3099, 94.9175)
contains.

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Color

**XYZ(27.0856, 26.3110,
94.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	008EFB
RGB	0, 142, 251
RGB Percent	0%, 56%, 98%
CMY	0.9997, 0.4431, 0.0157
CMYK	1.00, 0.43, 0.00, 0.02
HSL	206°, 100%, 49%
HSV	206°, 100%, 98%
XYZ	27.0856, 26.3110, 94.9178
YIQ	111.9680, -119.6210, 3.7950

Conversions

Conversions Part 2

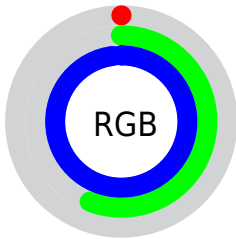
Format	Color
R _{YB}	0, 91, 251
Decimal	36603
CIE Lab	58.33, 8.64, -62.90
CIE LCh	58, 63.489, 277.820
Yxy	26.3110, 0.1826, 0.1774
Android (android.graphics.Color)	4278226683 (0xFF008EFB)
YUV	111.9680, 68.5428, -98.1959
Hunter-Lab	51.2942, 4.4908, -73.8076

Details

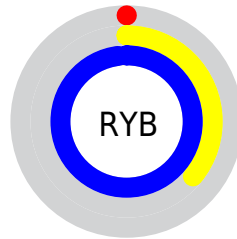
The XYZ color **27.0856, 26.3110, 94.9178** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **45.2612, 31.4631, 3.6897**, and the grayscale version is **15.2294, 16.0225, 17.4485**.

A 20% lighter version of the original color is **44.1207, 49.6297, 101.8618**, and **13.6520, 11.7237, 52.5823** is the 20% darker color. If you saturate the color by 10%, you get **27.0809, 26.3014, 94.9168**, and if you desaturate by 10%, it is **29.1935, 29.9250, 95.5049**.

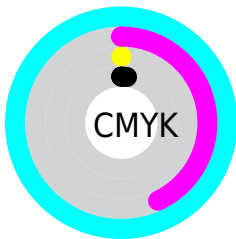
Distribution



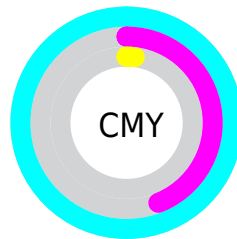
- Red (0%)
- Green (56%)
- Blue (98%)



- Red (0%)
- Yellow (36%)
- Blue (98%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0856, 26.3110, 94.9178 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 27.0856, 26.3110, 94.9178 by changing the saturation by 10% instead.

■ 27.0856, 26.3110,
94.9178

■ 27.0856, 26.3110,
94.9178

280.2313,
284.3054, 564.8794

■ 17.7744, 17.0564,
71.4701

■ 54.4401, 53.7762,
156.1456

■ 10.8869, 10.2747,
52.2417

■ 73.2142, 72.7557,
194.7628

■ 6.0575, 5.5815,
36.8142

■ 95.8733, 95.7456,
239.2735

■ 2.9211, 2.5923,
24.7690

■ 122.7827,
123.1304, 290.0964

■ 1.1122, 0.9228,
15.6876

■ 154.3079,
155.2943, 347.6498

■ 0.0353, 0.0000,
9.1514

190.8142,

■ 0.0000, 0.0000,

192.6219, 412.3525

4.7419

232.6668,
235.4975, 484.6228

■ 0.0000, 0.0000,
2.0406

■ 0.0000, 0.0000,
0.5801

■ 27.0856, 26.3110,
94.9178

■ 27.0856, 26.3110,
94.9178

■ 27.0809, 26.3014,
94.9168

■ 29.1935, 29.9250,
95.5049

■ 31.9828, 34.1322,
96.1700

■ 35.6176, 39.0236,
96.9225

■ 40.1988, 44.6570,
97.7684

■ 45.8114, 51.0822,
98.7128

■ 52.5301, 58.3432,
99.7602

■ 60.4222, 66.4802,
100.9148

■ 69.5492, 75.5300,
102.1806

■ 79.9680, 85.5272,
103.5611

Harmonies

Analogous

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



19.8048, 26.3110, 88.9264



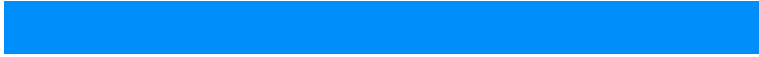
27.0856, 26.3110, 94.9178



35.2763, 26.3110, 77.1601

Triad

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



27.0856, 26.3110, 94.9178



38.6858, 26.3110, 9.6685



13.6129, 26.3110, 15.3934

Complementary

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



27.0856, 26.3110, 94.9178



45.2612, 31.4631, 3.6897

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.



16.9547, 26.3110, 6.4600



27.0856, 26.3110, 94.9178



31.0505, 26.3110, 4.5427

Square

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



27.0856, 26.3110, 94.9178



42.8168, 26.3110, 23.2369



23.0391, 26.3110, 3.7826



12.9817, 26.3110, 34.8405

Rectangle

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



27.0856, 26.3110, 94.9178



39.8189, 26.3110, 57.8327



23.0391, 26.3110, 3.7826



14.4174, 26.3110, 11.4292

Sweetspot

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



27.0868, 26.3118, 94.9185



62.5850, 68.8641, 104.6013



37.2485, 70.0954, 25.9810



12.6248, 13.9542, 22.2780



0.0000, 0.0000, 0.0000



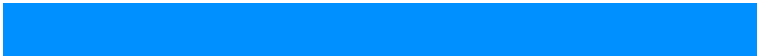
20.3446, 21.4041, 23.3091

Same Dimension

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



27.0868, 26.3118, 94.9185



28.0581, 27.2361, 98.3860



17.6111, 7.3604, 91.7600



17.0978, 18.2724, 22.0111



14.3823, 14.1202, 49.9410



1.4375, 1.5186, 4.6605

Inverse Universe

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



44.6673, 22.4640, 27.5732



46.2916, 23.2806, 28.5314



69.2848, 79.5105, 11.6975



17.6559, 17.3897, 20.0436



23.5516, 11.8363, 14.8788



2.2345, 1.1175, 1.6582

Previews

White Background



This preview shows how the XYZ color 27.0856, 26.3110, 94.9178 looks on a white background.

Color Contrast Check

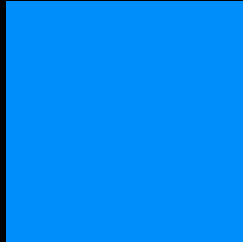
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0856, 26.3110, 94.9178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

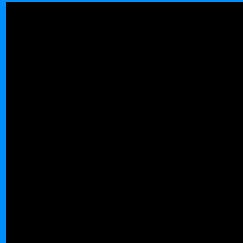
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

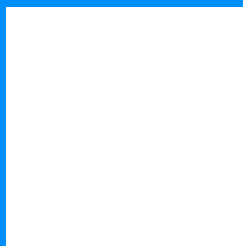
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0856, 26.3110, 94.9178

Background



This preview shows how black text looks on a background with the XYZ color 27.0856, 26.3110, 94.9178.



This preview shows how white text looks on a background with the XYZ color 27.0856, 26.3110,

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

27.0856, 26.3110, 94.9178

Protanopia

29.4054, 26.3247, 89.9176

Deuteranopia

27.3168, 26.4302, 94.9286



Tritanopia

18.5129, 26.1593, 39.6708

Trichromacy



Original Color

27.0856, 26.3110, 94.9178

Protanomaly

27.5643, 25.7622, 91.5155

Deuteranomaly

27.2236, 26.3822, 94.9242

Tritanomaly

20.8702, 25.7982, 56.1041

Monochromacy



Original Color

27.0856, 26.3110, 94.9178

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.2924, 18.1499, 37.2949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0856, 26.3110, 94.9178 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, 142, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 251)  
}
```

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, 142, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 251) }
```

Border

The CSS property to change the border of an element to XYZ 27.0856, 26.3110, 94.9178 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, 142, 251) }
```


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

```
.border{ border-color:rgb(0, 142, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 142, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0856, 26.3110, 94.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 251) }
```

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

```
.background{ background-color: rgb(0, 142,  
251) }
```

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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