

Converting Colors

XYZ(24.6462, 27.2958, 83.2444)

Have a look what the booklet for
XYZ(24.6462, 27.2958, 83.2444)
contains.

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Color

**XYZ(26.2069, 28.1893,
83.4167)**

Conversions

Conversions Part 1

Format	Color
Hex	0097EC
RGB	0, 151, 236
RGB Percent	0%, 59%, 93%
CMY	0.9998, 0.4078, 0.0745
CMYK	1.00, 0.36, 0.00, 0.07
HSL	202°, 100%, 46%
HSV	202°, 100%, 93%
XYZ	26.2069, 28.1893, 83.4167
YIQ	115.5410, -117.2810, -5.5770

Conversions

Conversions Part 2

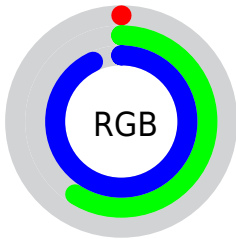
Format	Color
R _Y B	0, 92, 236
Decimal	38892
CIE Lab	60.06, -2.41, -51.87
CIE LCh	60, 51.923, 267.341
Yxy	28.1893, 0.1902, 0.2045
Android (android.graphics.Color)	4278228972 (0xFF0097EC)
YUV	115.5410, 59.3863, -101.3295
Hunter-Lab	53.0936, -4.8065, -55.9865

Details

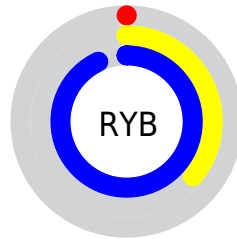
The XYZ color **26.2069, 28.1893, 83.4167** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **37.8461, 24.3401, 2.7052**, and the grayscale version is **16.3166, 17.1664, 18.6942**.

A 20% lighter version of the original color is **45.9447, 54.0084, 102.6109**, and **12.8919, 12.6026, 44.9331** is the 20% darker color. If you saturate the color by 10%, you get **26.2036, 28.1824, 83.4162**, and if you desaturate by 10%, it is **27.9941, 31.2160, 83.9074**.

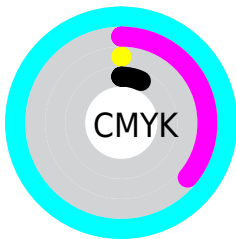
Distribution



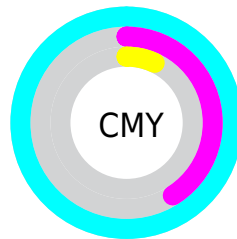
- Red (0%)
- Green (59%)
- Blue (93%)



- Red (0%)
- Yellow (36%)
- Blue (93%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (41%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2069, 28.1893, 83.4167 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 26.2069, 28.1893, 83.4167 by changing the saturation by 10% instead.

■ 26.2069, 28.1893,
83.4167

■ 26.2069, 28.1893,
83.4167

276.0344,
293.3704, 526.3816

■ 17.1120, 18.4684,
61.9914

■ 53.0375, 56.7865,
140.0134

■ 10.4102, 11.2868,
44.5900

■ 71.5038, 76.4316,
176.0218

■ 5.7361, 6.2601,
30.7940

■ 93.8247, 100.1536,
217.7283

■ 2.7244, 3.0039,
20.1849

■ 120.3655,
128.3369, 265.5515

■ 1.0098, 1.1338,
12.3441

■ 151.4914,
161.3658, 319.9099

■ 0.0000, 0.0066,
6.8531

187.5680,

■ 0.0000, 0.0000,

199.6247, 381.2220

3.2933

228.9605,
243.4981, 449.9064

■ 0.0000, 0.0000,
1.2463

■ 0.0000, 0.0000,
0.0172

■ 26.2069, 28.1893,
83.4167

■ 26.2069, 28.1893,
83.4167

■ 26.2036, 28.1824,
83.4162

■ 27.9941, 31.2160,
83.9074

■ 30.3286, 34.6741,
84.4518

■ 33.3541, 38.6408,
85.0580

■ 37.1553, 43.1626,
85.7304

■ 41.8037, 48.2791,
86.4730

■ 47.3621, 54.0252,
87.2892

■ 53.8869, 60.4327,
88.1820

■ 61.4295, 67.5306,
89.1545

■ 70.0377, 75.3461,
90.2094

Harmonies

Analogous

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



20.4938, 28.1893, 72.7570



26.2069, 28.1893, 83.4167



33.0756, 28.1893, 75.8052

Triad

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



26.2069, 28.1893, 83.4167



39.7668, 28.1893, 16.8088



17.4410, 28.1893, 14.9233

Complementary

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



26.2069, 28.1893, 83.4167



37.8461, 24.3401, 2.7052

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.



21.3612, 28.1893, 8.3627



26.2069, 28.1893, 83.4167



34.2667, 28.1893, 9.0937

Square

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



26.2069, 28.1893, 83.4167



41.6277, 28.1893, 32.4158



27.3879, 28.1893, 6.7794



15.9822, 28.1893, 29.0330

Rectangle

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



26.2069, 28.1893, 83.4167



37.2878, 28.1893, 62.6204



27.3879, 28.1893, 6.7794



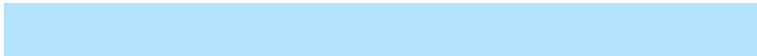
18.4792, 28.1893, 12.0236

Sweetspot

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



26.2080, 28.1902, 83.4174



64.1146, 71.9233, 105.1111



31.5440, 60.6108, 18.1477



12.9889, 14.6823, 22.3993



0.0000, 0.0000, 0.0000



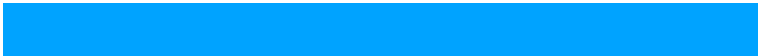
20.3446, 21.4041, 23.3091

Same Dimension

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



26.2080, 28.1902, 83.4174



31.1708, 33.4616, 99.4236



15.7557, 7.2855, 79.9333



15.0348, 16.1561, 19.2483



14.5708, 15.7886, 46.0225



1.2348, 1.4210, 3.6441

Inverse Universe

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



40.1790, 20.0688, 31.0346



47.8628, 23.9091, 36.8050



55.3886, 59.4249, 8.5527



15.4711, 15.2163, 17.7663



22.2100, 11.0867, 17.4388



1.7897, 0.8889, 1.6102

Previews

White Background



This preview shows how the XYZ color 26.2069, 28.1893, 83.4167 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 26.2069, 28.1893, 83.4167 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

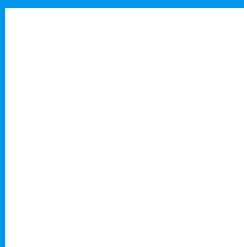
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2069, 28.1893, 83.4167

Background



This preview shows how black text looks on a background with the XYZ color 26.2069, 28.1893, 83.4167.

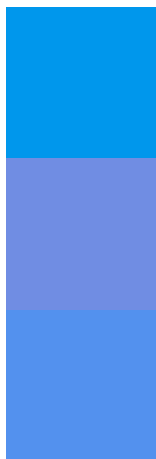


This preview shows how white text looks on a background with the XYZ color 26.2069, 28.1893,

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

26.2069, 28.1893, 83.4167

Protanopia

30.0721, 28.0405, 76.5004

Deuteranopia

29.1253, 28.2628, 84.8091



Tritanopia

19.9215, 28.0819, 42.8985

Trichromacy



Original Color

26.2069, 28.1893, 83.4167

Protanomaly

27.0069, 27.3036, 78.7096

Deuteranomaly

27.1880, 27.7387, 84.0419

Tritanomaly

21.9073, 28.0541, 55.8901

Monochromacy



Original Color

26.2069, 28.1893, 83.4167

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0195, 19.6944, 36.1621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2069, 28.1893, 83.4167 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, 151, 236)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 236)  
}
```

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, 151, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 236) }
```

Border

The CSS property to change the border of an element to XYZ 26.2069, 28.1893, 83.4167 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, 151, 236) }
```


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

```
.border{ border-color:rgb(0, 151, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 236);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2069, 28.1893, 83.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 236) }
```

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

```
.background{ background-color: rgb(0, 151,  
236) }
```

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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