

Converting Colors

XYZ(25.9928, 28.2229, 81.9217)

Have a look what the booklet for
XYZ(25.9928, 28.2229, 81.9217)
contains.

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Color

**XYZ(25.9179, 28.0737,
81.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	0097EA
RGB	0, 151, 234
RGB Percent	0%, 59%, 92%
CMY	0.9997, 0.4078, 0.0823
CMYK	1.00, 0.35, 0.00, 0.08
HSL	201°, 100%, 46%
HSV	201°, 100%, 92%
XYZ	25.9179, 28.0737, 81.8947
YIQ	115.3130, -116.6390, -6.1990

Conversions

Conversions Part 2

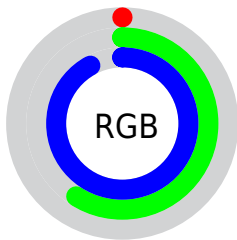
Format	Color
RYB	0, 92, 234
Decimal	38890
CIELab	59.96, -3.16, -50.93
CIELCh	60, 51.025, 266.449
Yxy	28.0737, 0.1907, 0.2066
Android (android.graphics.Color)	4278228970 (0xFF0097EA)
YUV	115.3130, 58.5127, -101.1295
Hunter-Lab	52.9846, -5.4082, -54.5513

Details

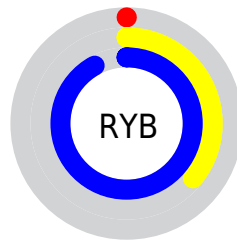
The XYZ color **25.9179, 28.0737, 81.8947** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **37.0305, 23.6891, 2.6226**, and the grayscale version is **16.2501, 17.0964, 18.6179**.

A 20% lighter version of the original color is **45.9447, 54.0084, 102.6109**, and **12.6896, 12.5217, 43.8676** is the 20% darker color. If you saturate the color by 10%, you get **25.9145, 28.0668, 81.8942**, and if you desaturate by 10%, it is **27.6659, 31.0290, 82.3736**.

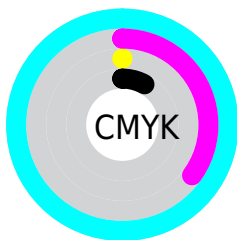
Distribution



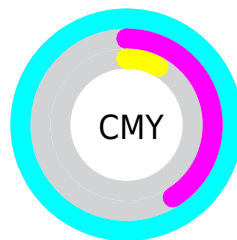
- Red (0%)
- Green (59%)
- Blue (92%)



- Red (0%)
- Yellow (36%)
- Blue (92%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9179, 28.0737, 81.8947 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 25.9179, 28.0737, 81.8947 by changing the saturation by 10% instead.

■ 25.9179, 28.0737,
81.8947

■ 25.9179, 28.0737,
81.8947

274.6429,
292.8189, 521.1696

■ 16.8946, 18.3812,
60.7434

■ 52.5747, 56.6021,
137.8617

■ 10.2542, 11.2240,
43.5889

■ 70.9389, 76.2068,
173.5145

■ 5.6314, 6.2177,
30.0127

■ 93.1475, 99.8843,
214.8382

■ 2.6608, 2.9779,
19.5961

■ 119.5658,
128.0192, 262.2514

■ 0.9770, 1.1202,
11.9206

■ 150.5591,
160.9956, 316.1726

■ 0.0000, 0.0000,
6.5678

186.4928,

■ 0.0000, 0.0000,

199.1982, 377.0203

3.1190

227.7323,
243.0111, 445.2131

■ 0.0000, 0.0000,
1.1557

■ 0.0000, 0.0000,
0.0000

■ 25.9179, 28.0737,
81.8947

■ 25.9179, 28.0737,
81.8947

■ 25.9145, 28.0668,
81.8942

■ 27.6659, 31.0290,
82.3736

■ 29.9474, 34.4016,
82.9044

■ 32.9036, 38.2671,
83.4947

■ 36.6174, 42.6710,
84.1490

■ 41.1586, 47.6517,
84.8710

■ 46.5886, 53.2435,
85.6641

■ 52.9626, 59.4771,
86.5314

■ 60.3309, 66.3810,
87.4756

■ 68.7403, 73.9814,
88.4994

Harmonies

Analogous

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



20.3649, 28.0737, 71.0603



25.9179, 28.0737, 81.8947



32.6346, 28.0737, 75.0152

Triad

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



25.9179, 28.0737, 81.8947



39.4844, 28.0737, 17.2553



17.5779, 28.0737, 14.7673

Complementary

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



25.9179, 28.0737, 81.8947



37.0305, 23.6891, 2.6226

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.



21.5033, 28.0737, 8.4393



25.9179, 28.0737, 81.8947



34.1894, 28.0737, 9.4128

Square

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



25.9179, 28.0737, 81.8947



41.1725, 28.0737, 32.8344



27.4634, 28.0737, 6.9765



16.0678, 28.0737, 28.4074

Rectangle

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



25.9179, 28.0737, 81.8947



36.7850, 28.0737, 62.3858



27.4634, 28.0737, 6.9765



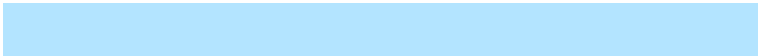
18.6241, 28.0737, 11.9669

Sweetspot

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



25.9190, 28.0746, 81.8954



64.2294, 72.1530, 105.1494



30.9447, 59.4549, 17.8161



13.0163, 14.7372, 22.4085



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.



25.9190, 28.0746, 81.8954



31.4200, 33.9599, 99.5067



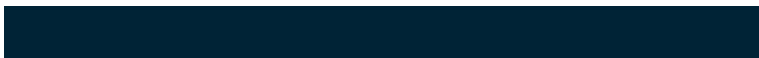
15.4578, 7.1522, 78.4084



15.0420, 16.1704, 19.2507



14.6853, 16.0176, 46.0607



1.2432, 1.4379, 3.6469

Inverse Universe

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



39.5187, 19.7284, 31.0037



47.9885, 23.9594, 37.4674



54.3352, 58.2984, 8.3908



15.4748, 15.2178, 17.7853



22.2678, 11.1098, 17.7432



1.7940, 0.8906, 1.6327

Previews

White Background



This preview shows how the XYZ color 25.9179, 28.0737, 81.8947 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 25.9179, 28.0737, 81.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

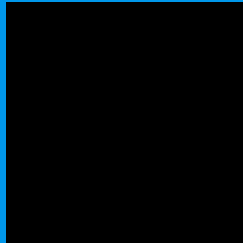
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

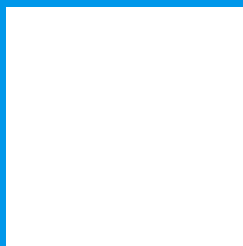
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9179, 28.0737, 81.8947

Background



This preview shows how black text looks on a background with the XYZ color 25.9179, 28.0737, 81.8947.



This preview shows how white text looks on a background with the XYZ color 25.9179, 28.0737,

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

25.9179, 28.0737, 81.8947

Protanopia

29.7976, 27.9307, 75.0548

Deuteranopia

28.9513, 27.9811, 83.2319



Tritanopia

19.9215, 28.0819, 42.8985

Trichromacy



Original Color

25.9179, 28.0737, 81.8947

Protanomaly

26.7275, 27.1918, 77.2386

Deuteranomaly

27.0047, 27.6778, 82.5163

Tritanomaly

21.7946, 28.0090, 55.2965

Monochromacy



Original Color

25.9179, 28.0737, 81.8947

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6384, 19.3234, 35.2006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9179, 28.0737, 81.8947 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 234) }
```

Border

The CSS property to change the border of an element to XYZ 25.9179, 28.0737, 81.8947 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, 234) }
```


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

```
.border{ border-color:rgb(0, 151, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9179, 28.0737, 81.8947 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, 234) }
```

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

```
.background{ background-color: rgb(0, 151,  
234) }
```

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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