

Converting Colors

XYZ(25.8198, 27.7393, 82.2880)

Have a look what the booklet for
XYZ(25.8198, 27.7393, 82.2880)
contains.

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Color

**XYZ(25.9017, 27.8109,
82.6001)**

Conversions

Conversions Part 1

Format	Color
Hex	0096EB
RGB	0, 150, 235
RGB Percent	0%, 59%, 92%
CMY	0.9998, 0.4118, 0.0784
CMYK	1.00, 0.36, 0.00, 0.08
HSL	202°, 100%, 46%
HSV	202°, 100%, 92%
XYZ	25.9017, 27.8109, 82.6001
YIQ	114.8400, -116.6850, -5.3650

Conversions

Conversions Part 2

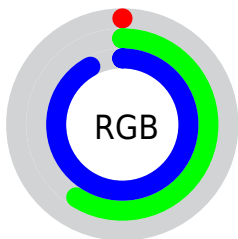
Format	Color
RYB	0, 92, 235
Decimal	38635
CIELab	59.72, -2.20, -51.86
CIElCh	60, 51.904, 267.567
Yxy	27.8109, 0.1900, 0.2040
Android (android.graphics.Color)	4278228715 (0xFF0096EB)
YUV	114.8400, 59.2389, -100.7147
Hunter-Lab	52.7360, -4.6165, -55.9503

Details

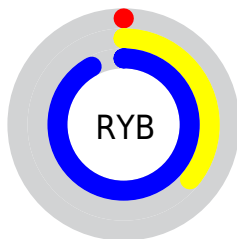
The XYZ color **25.9017, 27.8109, 82.6001** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **37.5144, 24.1682, 2.6893**, and the grayscale version is **16.1046, 16.9433, 18.4512**.

A 20% lighter version of the original color is **45.7063, 53.5315, 102.5314**, and **12.6939, 12.3690, 44.3662** is the 20% darker color. If you saturate the color by 10%, you get **25.8988, 27.8048, 82.5997**, and if you desaturate by 10%, it is **27.6747, 30.8129, 83.0867**.

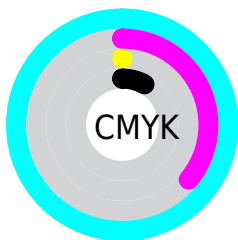
Distribution



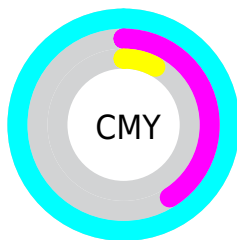
- Red (0%)
- Green (59%)
- Blue (92%)



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



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9017, 27.8109, 82.6001 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 25.9017, 27.8109, 82.6001 by changing the saturation by 10% instead.

■ 25.9017, 27.8109,
82.6001

■ 25.9017, 27.8109,
82.6001

274.5648,
291.5622, 523.5888

■ 16.8824, 18.1832,
61.3216

■ 52.5488, 56.1824,
138.8594

■ 10.2455, 11.0816,
44.0525

■ 70.9072, 75.6949,
174.6774

■ 5.6255, 6.1217,
30.3743

■ 93.1095, 99.2712,
216.1789

■ 2.6572, 2.9192,
19.8684

■ 119.5209,
127.2956, 263.7825

■ 0.9752, 1.0897,
12.1163

■ 150.5067,
160.1525, 317.9068

■ 0.0000, 0.0000,
6.6994

186.4324,

■ 0.0000, 0.0000,

198.2263, 378.9702

3.1993

227.6633,
241.9014, 447.3914

■ 0.0000, 0.0000,
1.1973

■ 0.0000, 0.0000,
0.0000

■ 25.9017, 27.8109,
82.6001

■ 25.9017, 27.8109,
82.6001

■ 25.8988, 27.8048,
82.5997

■ 27.6747, 30.8129,
83.0867

■ 29.9902, 34.2434,
83.6268

■ 32.9906, 38.1790,
84.2283

■ 36.7599, 42.6658,
84.8957

■ 41.3689, 47.7431,
85.6328

■ 46.8795, 53.4455,
86.4430

■ 53.3478, 59.8044,
87.3295

■ 60.8246, 66.8487,
88.2951

■ 69.3573, 74.6052,
89.3426

Harmonies

Analogous

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



20.2302, 27.8109, 72.1406



25.9017, 27.8109, 82.6001



32.7100, 27.8109, 74.9100

Triad

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



25.9017, 27.8109, 82.6001



39.2634, 27.8109, 16.4530



17.1538, 27.8109, 14.7474

Complementary

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



25.9017, 27.8109, 82.6001



37.5144, 24.1682, 2.6893

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.



21.0159, 27.8109, 8.2223



25.9017, 27.8109, 82.6001



33.7905, 27.8109, 8.8821

Square

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



25.9017, 27.8109, 82.6001



41.1418, 27.8109, 31.8405



26.9724, 27.8109, 6.6317



15.7292, 27.8109, 28.7739

Rectangle

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



25.9017, 27.8109, 82.6001



36.8770, 27.8109, 61.7738



26.9724, 27.8109, 6.6317



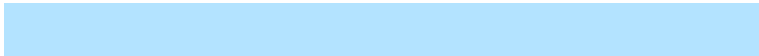
18.1750, 27.8109, 11.8642

Sweetspot

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



25.9028, 27.8118, 82.6008



64.0827, 71.8595, 105.1005



31.2432, 60.0310, 17.9805



12.9813, 14.6671, 22.3968



0.0000, 0.0000, 0.0000



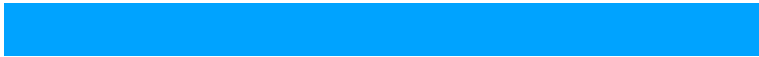
20.3446, 21.4041, 23.3091

Same Dimension

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



25.9028, 27.8118, 82.6008



31.1019, 33.3239, 99.4006



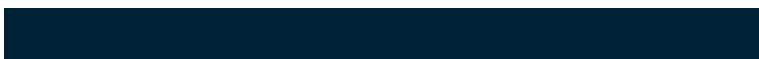
15.6061, 7.2183, 79.1686



15.0328, 16.1521, 19.2476



14.5391, 15.7253, 46.0120



1.2324, 1.4163, 3.6433

Inverse Universe

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



39.7670, 19.8656, 30.5933



47.8280, 23.8952, 36.6220



54.8601, 58.8595, 8.4712



15.4701, 15.2159, 17.7610



22.1940, 11.0803, 17.3547



1.7886, 0.8884, 1.6040

Previews

White Background



This preview shows how the XYZ color 25.9017, 27.8109, 82.6001 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 25.9017, 27.8109, 82.6001 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

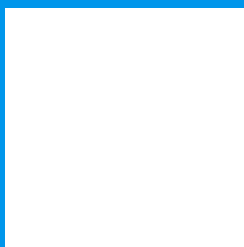
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9017, 27.8109, 82.6001

Background



This preview shows how black text looks on a background with the XYZ color 25.9017, 27.8109, 82.6001.

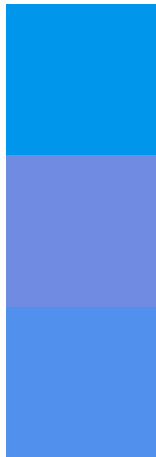


This preview shows how white text looks on a background with the XYZ color 25.9017, 27.8109,

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

25.9017, 27.8109, 82.6001

Protanopia

29.6611, 27.6267, 75.7207

Deuteranopia

28.7390, 27.8548, 83.9826

Trichromacy



Original Color

25.9017, 27.8109, 82.6001

Protanomaly

26.7146, 26.9433, 77.9213

Deuteranomaly

26.8354, 27.3440, 83.2204

Monochromacy



Original Color

25.9017, 27.8109, 82.6001

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7248, 19.3580, 35.6559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9017, 27.8109, 82.6001 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, 150, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 235)  
}
```

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, 150, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 235) }
```

Border

The CSS property to change the border of an element to XYZ 25.9017, 27.8109, 82.6001 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, 150, 235) }
```

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

```
.border{ border-color:rgb(0, 150, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
235) }
```


Background

The CSS property to change the background color of an element to XYZ 25.9017, 27.8109, 82.6001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 235) }
```

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

```
.background{ background-color: rgb(0, 150,  
235) }
```

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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