

Converting Colors

XYZ(7.3467, 17.1975, 84.8875)

Have a look what the booklet for
XYZ(7.3467, 17.1975, 84.8875)
contains.

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Color

**XYZ(25.8589, 26.7898,
85.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	0092EF
RGB	0, 146, 239
RGB Percent	0%, 57%, 94%
CMY	0.9997, 0.4274, 0.0627
CMYK	1.00, 0.39, 0.00, 0.06
HSL	203°, 100%, 47%
HSV	203°, 100%, 94%
XYZ	25.8589, 26.7898, 85.4694
YIQ	112.9480, -116.8690, -2.0290

Conversions

Conversions Part 2

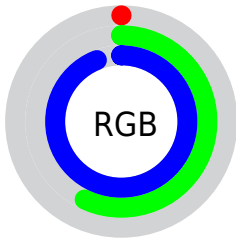
Format	Color
R _{YB}	0, 91, 239
Decimal	37615
CIE _{Lab}	58.78, 1.66, -55.56
CIE _{LCh}	59, 55.588, 271.714
Yxy	26.7898, 0.1872, 0.1940
Android (android.graphics.Color)	4278227695 (0xFF0092EF)
YUV	112.9480, 62.1436, -99.0554
Hunter-Lab	51.7589, -1.3988, -61.6744

Details

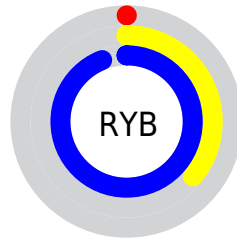
The XYZ color **25.8589, 26.7898, 85.4694** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **39.5174, 26.1914, 2.9746**, and the grayscale version is **15.5335, 16.3424, 17.7969**.

A 20% lighter version of the original color is **44.6578, 51.2550, 102.1472**, and **12.6264, 11.7431, 45.8571** is the 20% darker color. If you saturate the color by 10%, you get **25.8552, 26.7822, 85.4687**, and if you desaturate by 10%, it is **27.7280, 29.9698, 85.9853**.

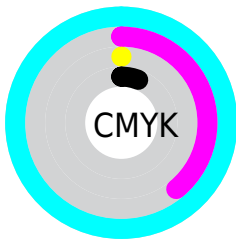
Distribution



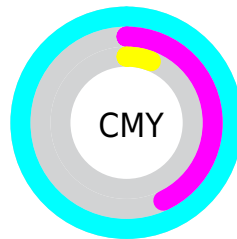
- Red (0%)
- Green (57%)
- Blue (94%)



- Red (0%)
- Yellow (36%)
- Blue (94%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (43%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8589, 26.7898, 85.4694 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 25.8589, 26.7898, 85.4694 by changing the saturation by 10% instead.

■ 25.8589, 26.7898,
85.4694

■ 25.8589, 26.7898,
85.4694

274.3582,
286.6379, 533.3651

■ 16.8502, 17.4154,
63.6769

■ 52.4802, 54.5464,
142.9088

■ 10.2224, 10.5311,
45.9445

■ 70.8235, 73.6974,
179.3928

■ 5.6101, 5.7525,
31.8537

■ 93.0090, 96.8760,
221.6110

■ 2.6478, 2.6952,
20.9859

■ 119.4022,
124.4667, 269.9821

■ 0.9704, 0.9747,
12.9225

■ 150.3683,
156.8539, 324.9245

■ 0.0000, 0.0000,
7.2451

186.2728,

■ 0.0000, 0.0000,

194.4218, 386.8567

3.5351

227.4810,
237.5551, 456.1974

■ 0.0000, 0.0000,
1.3739

■ 0.0000, 0.0000,
0.1213

■ 25.8589, 26.7898,
85.4694

■ 25.8589, 26.7898,
85.4694

■ 25.8552, 26.7822,
85.4687

■ 27.7280, 29.9698,
85.9853

■ 30.1770, 33.6257,
86.5619

■ 33.3537, 37.8377,
87.2075

■ 37.3462, 42.6551,
87.9269

■ 42.2286, 48.1196,
88.7243

■ 48.0664, 54.2685,
89.6035

■ 54.9181, 61.1353,
90.5678

■ 62.8373, 68.7512,
91.6204

■ 71.8738, 77.1448,
92.7642

Harmonies

Analogous

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



19.7163, 26.7898, 76.6043



25.8589, 26.7898, 85.4694



33.0350, 26.7898, 74.4766

Triad

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



25.8589, 26.7898, 85.4694



38.3944, 26.7898, 13.4917



15.5346, 26.7898, 14.6945

Complementary

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



25.8589, 26.7898, 85.4694



39.5174, 26.1914, 2.9746

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.



19.1465, 26.7898, 7.4064



25.8589, 26.7898, 85.4694



32.2299, 26.7898, 6.9631

Square

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



25.8589, 26.7898, 85.4694



41.0314, 26.7898, 28.0557



25.0710, 26.7898, 5.3748



14.4343, 26.7898, 30.3124

Rectangle

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



25.8589, 26.7898, 85.4694



37.2665, 26.7898, 59.3473



25.0710, 26.7898, 5.3748



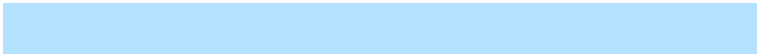
16.4589, 26.7898, 11.4814

Sweetspot

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



25.8600, 26.7906, 85.4701



63.5109, 70.7159, 104.9099



32.7844, 62.5006, 20.3830



12.8450, 14.3945, 22.3514



0.0000, 0.0000, 0.0000



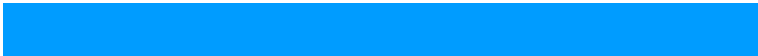
20.3446, 21.4041, 23.3091

Same Dimension

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



25.8600, 26.7906, 85.4701



29.8961, 30.9121, 98.9987



15.9948, 7.0603, 82.1817



15.7009, 16.8358, 20.1437



14.4192, 15.0627, 47.2753



1.2959, 1.4457, 3.9650

Inverse Universe

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



40.7860, 20.4277, 28.9879



47.2193, 23.6517, 33.4168



58.9226, 65.0018, 9.4430



16.1785, 15.9211, 18.4959



22.6038, 11.3139, 16.3620



1.9290, 0.9607, 1.6172

Previews

White Background



This preview shows how the XYZ color 25.8589, 26.7898, 85.4694 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 25.8589, 26.7898, 85.4694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

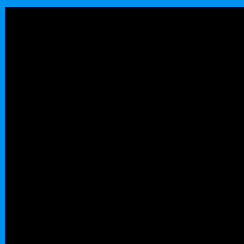
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

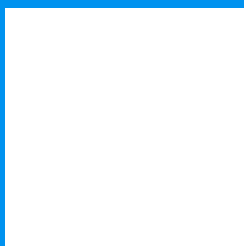
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8589, 26.7898, 85.4694

Background



This preview shows how black text looks on a background with the XYZ color 25.8589, 26.7898, 85.4694.



This preview shows how white text looks on a background with the XYZ color 25.8589, 26.7898,

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

25.8589, 26.7898, 85.4694

Protanopia

28.9630, 26.5444, 79.1984

Deuteranopia

27.7159, 26.8306, 86.1561



Tritanopia

18.8635, 26.5670, 40.6929

Trichromacy



Original Color

25.8589, 26.7898, 85.4694

Protanomaly

26.4761, 25.8549, 81.4370

Deuteranomaly

26.5469, 26.4498, 86.1442

Tritanomaly

20.8539, 26.3067, 54.4307

Monochromacy



Original Color

25.8589, 26.7898, 85.4694

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.2641, 18.5482, 35.5238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8589, 26.7898, 85.4694 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, 146, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 239)  
}
```

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, 146, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 239) }
```

Border

The CSS property to change the border of an element to XYZ 25.8589, 26.7898, 85.4694 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, 146, 239) }
```


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

```
.border{ border-color:rgb(0, 146, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8589, 26.7898, 85.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 239) }
```

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

```
.background{ background-color: rgb(0, 146,  
239) }
```

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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