

Converting Colors

XYZ(23.7230, 25.7074, 84.9312)

Have a look what the booklet for
XYZ(23.7230, 25.7074, 84.9312)
contains.

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Color

**XYZ(25.7115, 26.7308,
84.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	0092EE
RGB	0, 146, 238
RGB Percent	0%, 57%, 93%
CMY	0.9997, 0.4274, 0.0667
CMYK	1.00, 0.39, 0.00, 0.07
HSL	203°, 100%, 47%
HSV	203°, 100%, 93%
XYZ	25.7115, 26.7308, 84.6933
YIQ	112.8340, -116.5480, -2.3400

Conversions

Conversions Part 2

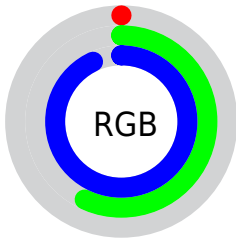
Format	Color
R _Y B	0, 90, 238
Decimal	37614
CIE Lab	58.72, 1.28, -55.10
CIE LCh	59, 55.113, 271.333
Yxy	26.7308, 0.1875, 0.1949
Android (android.graphics.Color)	4278227694 (0xFF0092EE)
YUV	112.8340, 61.7068, -98.9554
Hunter-Lab	51.7018, -1.7096, -60.9323

Details

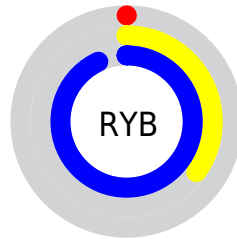
The XYZ color **25.7115, 26.7308, 84.6933** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **39.0934, 25.8432, 2.9297**, and the grayscale version is **15.5010, 16.3083, 17.7597**.

A 20% lighter version of the original color is **44.6578, 51.2550, 102.1472**, and **12.5234, 11.7019, 45.3147** is the 20% darker color. If you saturate the color by 10%, you get **25.7078, 26.7232, 84.6926**, and if you desaturate by 10%, it is **27.5615, 29.8762, 85.2035**.

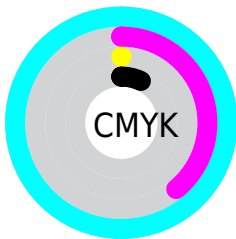
Distribution



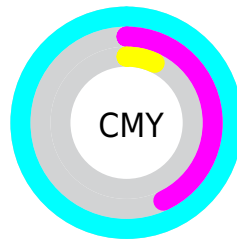
- Red (0%)
- Green (57%)
- Blue (93%)



- Red (0%)
- Yellow (35%)
- Blue (93%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (43%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7115, 26.7308, 84.6933 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 25.7115, 26.7308, 84.6933 by changing the saturation by 10% instead.

■ 25.7115, 26.7308,
84.6933

■ 25.7115, 26.7308,
84.6933

273.6457,
286.3513, 530.7308

■ 16.7395, 17.3711,
63.0393

■ 52.2438, 54.4516,
141.8149

■ 10.1431, 10.4995,
45.4318

■ 70.5348, 73.5815,
178.1197

■ 5.5569, 5.7314,
31.4523

■ 92.6628, 96.7370,
220.1451

■ 2.6157, 2.6824,
20.6821

■ 118.9932,
124.3024, 268.3096

■ 0.9539, 0.9683,
12.7029

■ 149.8913,
156.6621, 323.0320

■ 0.0000, 0.0000,
7.0959

185.7225,

■ 0.0000, 0.0000,

194.2006, 384.7306

3.4428

226.8522,
237.3022, 453.8240

■ 0.0000, 0.0000,
1.3249

■ 0.0000, 0.0000,
0.0821

■ 25.7115, 26.7308,
84.6933

■ 25.7115, 26.7308,
84.6933

■ 25.7078, 26.7232,
84.6926

■ 27.5615, 29.8762,
85.2035

■ 29.9843, 33.4899,
85.7734

■ 33.1262, 37.6515,
86.4110

■ 37.0744, 42.4095,
87.1213

■ 41.9023, 47.8051,
87.9083

■ 47.6745, 53.8751,
88.7757

■ 54.4490, 60.6527,
89.7269

■ 62.2788, 68.1684,
90.7649

■ 71.2130, 76.4507,
91.8926

Harmonies

Analogous

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



19.6498, 26.7308, 75.7192



25.7115, 26.7308, 84.6933



32.8103, 26.7308, 74.0871

Triad

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



25.7115, 26.7308, 84.6933



38.2544, 26.7308, 13.6822



15.5954, 26.7308, 14.6126

Complementary

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



25.7115, 26.7308, 84.6933



39.0934, 25.8432, 2.9297

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.



19.2103, 26.7308, 7.4386



25.7115, 26.7308, 84.6933



32.1910, 26.7308, 7.0941

Square

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



25.7115, 26.7308, 84.6933



40.8031, 26.7308, 28.2448



25.1046, 26.7308, 5.4567



14.4714, 26.7308, 29.9831

Rectangle

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



25.7115, 26.7308, 84.6933



37.0112, 26.7308, 59.2354



25.1046, 26.7308, 5.4567



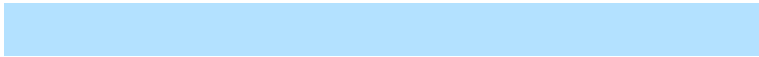
16.5235, 26.7308, 11.4499

Sweetspot

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



25.7126, 26.7316, 84.6940



63.5641, 70.8223, 104.9276



32.4758, 61.9100, 20.1980



12.8577, 14.4198, 22.3556



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.



25.7126, 26.7316, 84.6940



30.0060, 31.1319, 99.0353



15.8447, 6.9958, 81.4047



15.7044, 16.8429, 20.1449



14.4715, 15.1672, 47.2927



1.3000, 1.4540, 3.9664

Inverse Universe

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



40.4493, 20.2541, 28.9721



47.2748, 23.6739, 33.7090



58.3668, 64.3901, 9.3542



16.1802, 15.9218, 18.5053



22.6301, 11.3245, 16.5008



1.9311, 0.9615, 1.6282

Previews

White Background



This preview shows how the XYZ color 25.7115, 26.7308, 84.6933 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 25.7115, 26.7308, 84.6933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

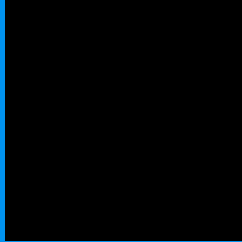
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

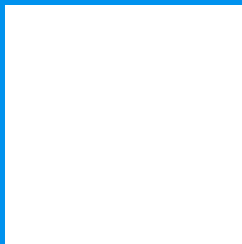
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7115, 26.7308, 84.6933

Background



This preview shows how black text looks on a background with the XYZ color 25.7115, 26.7308, 84.6933.



This preview shows how white text looks on a background with the XYZ color 25.7115, 26.7308,

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

25.7115, 26.7308, 84.6933

Protanopia

28.8221, 26.4881, 78.4565

Deuteranopia

27.6369, 26.8069, 85.3790



Tritanopia

18.8635, 26.5670, 40.6929

Trichromacy



Original Color

25.7115, 26.7308, 84.6933

Protanomaly

26.3328, 25.7976, 80.6823

Deuteranomaly

26.3987, 26.3905, 85.3639

Tritanomaly

20.8539, 26.3067, 54.4307

Monochromacy



Original Color

25.7115, 26.7308, 84.6933

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.1777, 18.5136, 35.0686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7115, 26.7308, 84.6933 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 238) }
```

Border

The CSS property to change the border of an element to XYZ 25.7115, 26.7308, 84.6933 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, 238) }
```


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

```
.border{ border-color:rgb(0, 146, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7115, 26.7308, 84.6933 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, 238) }
```

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

```
.background{ background-color: rgb(0, 146,  
238) }
```

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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