

Converting Colors

XYZ(25.1959, 24.6884, 87.6388)

Have a look what the booklet for
XYZ(25.1959, 24.6884, 87.6388)
contains.

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Color

**XYZ(25.1155, 24.5878,
87.4266)**

Conversions

Conversions Part 1

Format	Color
Hex	008AF2
RGB	0, 138, 242
RGB Percent	0%, 54%, 95%
CMY	0.9997, 0.4588, 0.0510
CMYK	1.00, 0.43, 0.00, 0.05
HSL	206°, 100%, 47%
HSV	206°, 100%, 95%
XYZ	25.1155, 24.5878, 87.4266
YIQ	108.5940, -115.6320, 3.0880

Conversions

Conversions Part 2

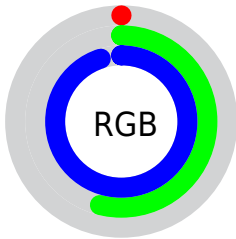
Format	Color
R _{YB}	0, 88, 242
Decimal	35570
CIE Lab	56.67, 7.61, -60.59
CIE LCh	57, 61.071, 277.160
Yxy	24.5878, 0.1832, 0.1793
Android (android.graphics.Color)	4278225650 (0xFF008AF2)
YUV	108.5940, 65.7692, -95.2369
Hunter-Lab	49.5861, 3.6351, -69.8256

Details

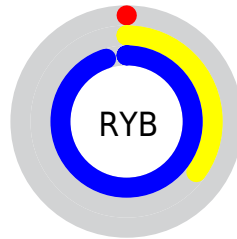
The XYZ color **25.1155, 24.5878, 87.4266** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **41.5756, 28.7915, 3.3680**, and the grayscale version is **14.2707, 15.0139, 16.3501**.

A 20% lighter version of the original color is **42.9875, 47.7328, 101.5554**, and **12.3293, 10.6475, 47.3043** is the 20% darker color. If you saturate the color by 10%, you get **25.1116, 24.5799, 87.4259**, and if you desaturate by 10%, it is **27.0635, 27.9150, 87.9667**.

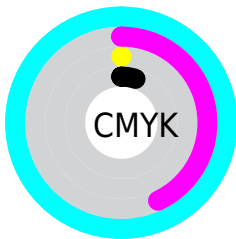
Distribution



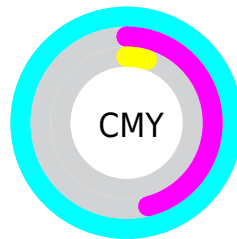
- Red (0%)
- Green (54%)
- Blue (95%)



- Red (0%)
- Yellow (35%)
- Blue (95%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (46%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1155, 24.5878, 87.4266 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 25.1155, 24.5878, 87.4266 by changing the saturation by 10% instead.

■ 25.1155, 24.5878,
87.4266

■ 25.1155, 24.5878,
87.4266

270.7497,
275.7789, 539.9762

■ 16.2923, 15.7702,
65.2867

■ 51.2861, 50.9877,
145.6627

■ 9.8234, 9.3617,
47.2407

■ 69.3642, 69.3389,
182.5960

■ 5.3434, 4.9779,
32.8703

■ 91.2580, 91.6366,
225.2974

■ 2.4869, 2.2343,
21.7568

■ 117.3328,
118.2654, 274.1855

■ 0.8887, 0.7386,
13.4817

■ 147.9541,
149.6097, 329.6790

■ 0.0000, 0.0000,
7.6265

183.4870,

■ 0.0000, 0.0000,

186.0537, 392.1962

3.7726

224.2971,
227.9820, 462.1558

■ 0.0000, 0.0000,
1.5014

■ 0.0000, 0.0000,
0.2190

■ 25.1155, 24.5878,
87.4266

■ 25.1155, 24.5878,
87.4266

■ 25.1116, 24.5799,
87.4259

■ 27.0635, 27.9150,
87.9667

■ 29.6331, 31.7805,
88.5774

■ 32.9766, 36.2683,
89.2674

■ 37.1858, 41.4311,
90.0421

■ 42.3384, 47.3141,
90.9061

■ 48.5025, 53.9573,
91.8634

■ 55.7395, 61.3972,
92.9181

■ 64.1055, 69.6673,
94.0734

■ 73.6525, 78.7990,
95.3328

Harmonies

Analogous

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



18.4556, 24.5878, 81.4826



25.1155, 24.5878, 87.4266



32.6373, 24.5878, 71.6583

Triad

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



25.1155, 24.5878, 87.4266



36.0438, 24.5878, 9.4040



12.9005, 24.5878, 14.2703

Complementary

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



25.1155, 24.5878, 87.4266



41.5756, 28.7915, 3.3680

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.



16.0474, 24.5878, 6.1233



25.1155, 24.5878, 87.4266



29.0873, 24.5878, 4.4736

Square

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



25.1155, 24.5878, 87.4266



39.7252, 24.5878, 22.1828



21.7072, 24.5878, 3.6864



12.2619, 24.5878, 31.9539

Rectangle

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



25.1155, 24.5878, 87.4266



36.8386, 24.5878, 54.1068



21.7072, 24.5878, 3.6864



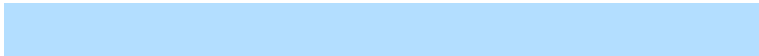
13.6639, 24.5878, 10.6597

Sweetspot

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



25.1166, 24.5885, 87.4273



62.6769, 69.0479, 104.6319



34.0959, 64.4422, 22.9207



12.6467, 13.9978, 22.2852



0.0000, 0.0000, 0.0000



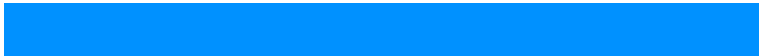
20.3446, 21.4041, 23.3091

Same Dimension

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



25.1166, 24.5885, 87.4273



28.2341, 27.5882, 98.4447



16.2822, 6.9197, 84.4825



15.6454, 16.7248, 20.1252



13.6285, 13.4813, 47.0117



1.2324, 1.3187, 3.9438

Inverse Universe

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



41.2064, 20.7138, 25.8715



46.3805, 23.3162, 28.9994



62.6973, 71.0349, 10.4085



16.1504, 15.9099, 18.3484



22.2047, 11.1543, 14.2602



1.8970, 0.9478, 1.4484

Previews

White Background



This preview shows how the XYZ color 25.1155, 24.5878, 87.4266 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 25.1155, 24.5878, 87.4266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

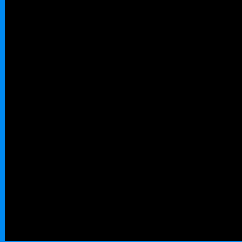
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

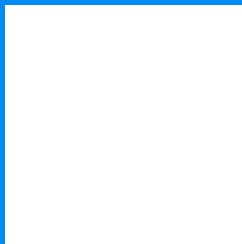
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1155, 24.5878, 87.4266

Background



This preview shows how black text looks on a background with the XYZ color 25.1155, 24.5878, 87.4266.



This preview shows how white text looks on a background with the XYZ color 25.1155, 24.5878,

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

25.1155, 24.5878, 87.4266

Protanopia

27.4161, 24.6334, 82.6666

Deuteranopia

25.4247, 24.5351, 87.4001



Tritanopia

17.2515, 24.3508, 37.0486

Trichromacy



Original Color

25.1155, 24.5878, 87.4266

Protanomaly

25.5886, 24.0640, 84.1851

Deuteranomaly

25.2038, 24.4213, 87.3898

Tritanomaly

19.5731, 24.2755, 52.3692

Monochromacy



Original Color

25.1155, 24.5878, 87.4266

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.2565, 17.1325, 34.4011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1155, 24.5878, 87.4266 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, 138, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 242)  
}
```

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, 138, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 242) }
```

Border

The CSS property to change the border of an element to XYZ 25.1155, 24.5878, 87.4266 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, 138, 242) }
```


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

```
.border{ border-color:rgb(0, 138, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1155, 24.5878, 87.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 242) }
```

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

```
.background{ background-color: rgb(0, 138,  
242) }
```

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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