

Converting Colors

XYZ(25.9823, 26.1667, 87.3545)

Have a look what the booklet for
XYZ(25.9823, 26.1667, 87.3545)
contains.

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Color

**XYZ(26.0155, 26.1413,
87.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	0D8FF2
RGB	13, 143, 242
RGB Percent	5%, 56%, 95%
CMY	0.9488, 0.4392, 0.0510
CMYK	0.95, 0.41, 0.00, 0.05
HSL	206°, 90%, 50%
HSV	206°, 95%, 95%
XYZ	26.0155, 26.1413, 87.6790
YIQ	115.4160, -109.2590, 3.2290

Conversions

Conversions Part 2

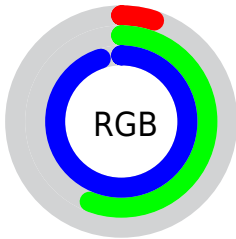
Format	Color
R _Y B	13, 96, 242
Decimal	888818
CIE Lab	58.17, 4.94, -58.19
CIE LCh	58, 58.398, 274.850
Yxy	26.1413, 0.1860, 0.1869
Android (android.graphics.Color)	4279078898 (0xFF0D8FF2)
YUV	115.4160, 62.4059, -89.8188
Hunter-Lab	51.1286, 1.3503, -65.8848

Details

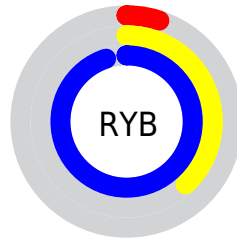
The XYZ color **26.0155, 26.1413, 87.6790** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark saturated azure. A complement of this color would be **42.4922, 30.5085, 4.0320**, and the grayscale version is **16.2679, 17.1151, 18.6384**.

A 20% lighter version of the original color is **44.3455, 50.0794, 101.9368**, and **12.7597, 11.5082, 47.4477** is the 20% darker color. If you saturate the color by 10%, you get **25.0230, 24.4026, 87.3963**, and if you desaturate by 10%, it is **28.2671, 29.7442, 88.2564**.

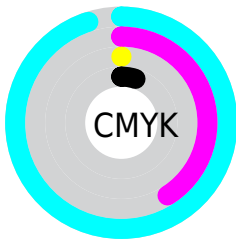
Distribution



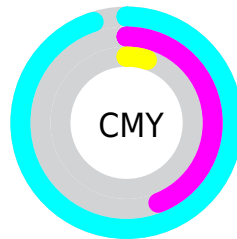
- Red (5%)
- Green (56%)
- Blue (95%)



- Red (5%)
- Yellow (38%)
- Blue (95%)



- Cyan (95%)
- Magenta (41%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (44%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0155, 26.1413, 87.6790 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 26.0155, 26.1413, 87.6790 by changing the saturation by 10% instead.

■ 26.0155, 26.1413,
87.6790

■ 26.0155, 26.1413,
87.6790

275.1135,
283.4750, 540.8255

■ 16.9680, 16.9294,
65.4944

■ 52.7311, 53.5028,
146.0174

■ 10.3068, 10.1842,
47.4082

■ 71.1298, 72.4212,
183.0083

■ 5.6667, 5.5212,
33.0018

■ 93.3764, 95.3438,
225.7717

■ 2.6822, 2.5562,
21.8567

■ 119.8361,
122.6552, 274.7262

■ 0.9880, 0.9047,
13.5543

■ 150.8743,
154.7395, 330.2902

■ 0.0000, 0.0000,
7.6762

186.8563,

■ 0.0000, 0.0000,

191.9814, 392.8825

3.8037

228.1476,
234.7651, 462.9214

■ 0.0000, 0.0000,
1.5183

■ 0.0000, 0.0000,
0.2315

■ 26.0155, 26.1413,
87.6790

■ 26.0155, 26.1413,
87.6790

■ 25.0230, 24.4026,
87.3963

■ 28.2671, 29.7442,
88.2564

■ 31.2432, 33.9437,
88.9101

■ 35.0463, 38.7983,
89.6467

■ 39.7601, 44.3564,
90.4711

■ 45.4565, 50.6602,
91.3876

■ 52.2000, 57.7480,
92.4002

■ 60.0490, 65.6545,
93.5127

■ 69.0573, 74.4124,
94.7283

■ 79.2752, 84.0519,
96.0504

Harmonies

Analogous

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



19.4976, 26.1413, 80.3617



26.0155, 26.1413, 87.6790



33.4672, 26.1413, 73.9545

Triad

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



26.0155, 26.1413, 87.6790



37.7789, 26.1413, 11.4899



14.4473, 26.1413, 14.8994

Complementary

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



26.0155, 26.1413, 87.6790



42.4922, 30.5085, 4.0320

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.



17.8500, 26.1413, 6.9572



26.0155, 26.1413, 87.6790



31.0939, 26.1413, 5.7464

Square

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



26.0155, 26.1413, 87.6790



41.0325, 26.1413, 25.2924



23.7131, 26.1413, 4.6071



13.5991, 26.1413, 31.8890

Rectangle

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



26.0155, 26.1413, 87.6790



37.7247, 26.1413, 57.3326



23.7131, 26.1413, 4.6071



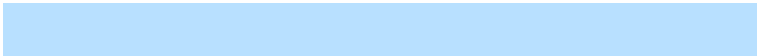
15.2937, 26.1413, 11.3987

Sweetspot

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



26.0166, 26.1421, 87.6797



64.4106, 70.7393, 104.8670



34.6502, 64.6831, 24.9729



12.9755, 14.3220, 22.3305



0.0000, 0.0000, 0.0000



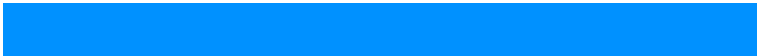
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0166, 26.1421, 87.6797



28.1343, 27.3886, 98.4114



16.7143, 7.5375, 84.5789



15.6419, 16.7178, 20.1241



13.5809, 13.3861, 46.9959



1.2285, 1.3110, 3.9425

Inverse Universe

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



41.7209, 21.1500, 27.8704



46.3301, 23.2960, 28.7341



63.0582, 71.6405, 10.8873



16.1487, 15.9092, 18.3391



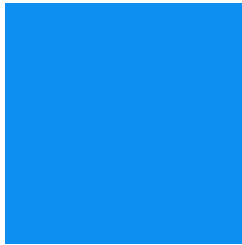
22.1806, 11.1447, 14.1338



1.8950, 0.9471, 1.4381

Previews

White Background



This preview shows how the XYZ color 26.0155, 26.1413, 87.6790 looks on a white background.

Color Contrast Check

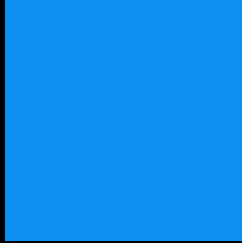
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0155, 26.1413, 87.6790 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

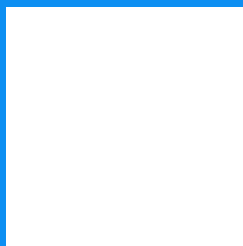
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0155, 26.1413, 87.6790

Background



This preview shows how black text looks on a background with the XYZ color 26.0155, 26.1413, 87.6790.



This preview shows how white text looks on a background with the XYZ color 26.0155, 26.1413,

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

26.0155, 26.1413, 87.6790

Protanopia

28.7293, 26.1479, 82.1301

Deuteranopia

27.1707, 26.2777, 88.4341



Tritanopia

18.3471, 25.8278, 39.6156

Trichromacy



Original Color

26.0155, 26.1413, 87.6790

Protanomaly

26.9120, 25.7965, 84.4497

Deuteranomaly

26.6500, 26.2291, 88.4521

Tritanomaly

20.5946, 25.6952, 54.3263

Monochromacy



Original Color

26.0155, 26.1413, 87.6790

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9085, 18.8601, 36.4674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0155, 26.1413, 87.6790 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(13, 143, 242)` looks like.

```
.text, #text, p{  
    color:rgb(13, 143, 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(13, 143, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 143, 242) }
```

Border

The CSS property to change the border of an element to XYZ 26.0155, 26.1413, 87.6790 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(13, 143, 242) }
```


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

```
.border{ border-color:rgb(13, 143, 242) }
```

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

Here you see how a box with a 4 pixel rgb(13, 143, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 143, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 143, 242);  
box-shadow:4px 4px 4px 4px rgb(13, 143,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0155, 26.1413, 87.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 143, 242) }
```

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

```
.background{ background-color: rgb(13, 143,  
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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