

Converting Colors

XYZ(26.4368, 27.4161, 86.3365)

Have a look what the booklet for
XYZ(26.4368, 27.4161, 86.3365)
contains.

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Color

**XYZ(26.5151, 27.5726,
86.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	0F94F0
RGB	15, 148, 240
RGB Percent	6%, 58%, 94%
CMY	0.9410, 0.4196, 0.0588
CMYK	0.94, 0.38, 0.00, 0.06
HSL	205°, 88%, 50%
HSV	205°, 94%, 94%
XYZ	26.5151, 27.5726, 86.3626
YIQ	118.7210, -108.8000, 0.4160

Conversions

Conversions Part 2

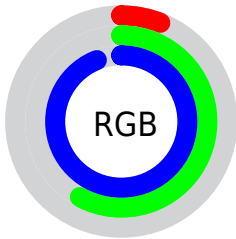
Format	Color
R _Y B	15, 99, 240
Decimal	1021168
CIE Lab	59.50, 1.27, -54.96
CIE LCh	60, 54.975, 271.324
Yxy	27.5726, 0.1888, 0.1963
Android (android.graphics.Color)	4279211248 (0xFF0F94F0)
YUV	118.7210, 59.7905, -90.9633
Hunter-Lab	52.5096, -1.7570, -60.7576

Details

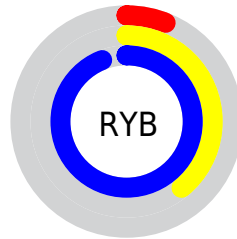
The XYZ color **26.5151, 27.5726, 86.3626** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **41.2854, 29.0867, 3.8923**, and the grayscale version is **17.2939, 18.1945, 19.8139**.

A 20% lighter version of the original color is **45.7261, 52.8406, 102.3970**, and **12.9149, 12.1543, 46.4651** is the 20% darker color. If you saturate the color by 10%, you get **25.3781, 25.5909, 86.0407**, and if you desaturate by 10%, it is **28.7627, 31.1149, 86.9285**.

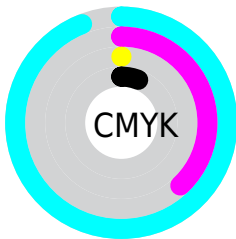
Distribution



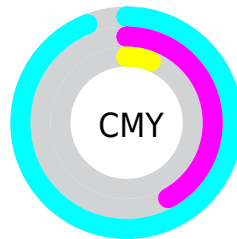
- Red (6%)
- Green (58%)
- Blue (94%)



- Red (6%)
- Yellow (39%)
- Blue (94%)



- Cyan (94%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)



- Cyan (94%)
- Magenta (42%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5151, 27.5726, 86.3626 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 26.5151, 27.5726, 86.3626 by changing the saturation by 10% instead.

■ 26.5151, 27.5726,
86.3626

■ 26.5151, 27.5726,
86.3626

277.5122,
290.4190, 536.3878

■ 17.3441, 18.0037,
64.4112

■ 53.5302, 55.8014,
144.1664

■ 10.5769, 10.9527,
46.5355

■ 72.1049, 75.2300,
180.8559

■ 5.8483, 6.0350,
32.3169

■ 94.5450, 98.7141,
223.2952

■ 2.7928, 2.8664,
21.3369

■ 121.2157,
126.6379, 271.9029

■ 1.0452, 1.0624,
13.1768

■ 152.4824,
159.3859, 327.0975

■ 0.0000, 0.0000,
7.4183

188.7105,

■ 0.0000, 0.0000,

197.3425, 389.2974

3.6426

230.2653,
240.8921, 458.9214

■ 0.0000, 0.0000,
1.4314

■ 0.0000, 0.0000,
0.1660

■ 26.5151, 27.5726,
86.3626

■ 26.5151, 27.5726,
86.3626

■ 25.3781, 25.5909,
86.0407

■ 28.7627, 31.1149,
86.9285

■ 31.7165, 35.2196,
87.5651

■ 35.4746, 39.9417,
88.2785

■ 40.1170, 45.3270,
89.0733

■ 45.7130, 51.4153,
89.9535

■ 52.3246, 58.2426,
90.9228

■ 60.0081, 65.8420,
91.9847

■ 68.8155, 74.2440,
93.1422

■ 78.7951, 83.4774,
94.3985

Harmonies

Analogous

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



20.3366, 27.5726, 77.2851



26.5151, 27.5726, 86.3626



33.7358, 27.5726, 75.6455

Triad

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



26.5151, 27.5726, 86.3626



39.2682, 27.5726, 14.2713



16.1963, 27.5726, 15.2190

Complementary

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



26.5151, 27.5726, 86.3626



41.2854, 29.0867, 3.8923

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.



19.8909, 27.5726, 7.8420



26.5151, 27.5726, 86.3626



33.1105, 27.5726, 7.4882

Square

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



26.5151, 27.5726, 86.3626



41.8532, 27.5726, 29.1513



25.9012, 27.5726, 5.7910



15.0454, 27.5726, 30.9096

Rectangle

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



26.5151, 27.5726, 86.3626



38.0031, 27.5726, 60.6161



25.9012, 27.5726, 5.7910



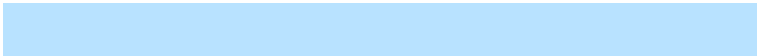
17.1456, 27.5726, 11.9737

Sweetspot

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



26.5162, 27.5734, 86.3633



64.8631, 71.6442, 105.0178



33.9097, 63.4432, 23.8320



13.0842, 14.5395, 22.3667



0.0000, 0.0000, 0.0000



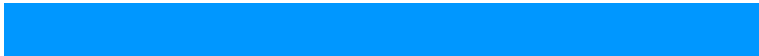
20.3446, 21.4041, 23.3091

Same Dimension

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



26.5162, 27.5734, 86.3633



29.0698, 29.2596, 98.7233



16.6050, 7.7509, 83.0596



15.6738, 16.7818, 20.1347



14.0264, 14.2770, 47.1443



1.2645, 1.3829, 3.9545

Inverse Universe

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



41.4524, 21.0067, 29.8873



46.8023, 23.4849, 31.2206



60.9656, 68.4471, 10.4523



16.1648, 15.9156, 18.4241



22.4055, 11.2346, 15.3178



1.9132, 0.9543, 1.5337

Previews

White Background



This preview shows how the XYZ color 26.5151, 27.5726, 86.3626 looks on a white background.

Color Contrast Check

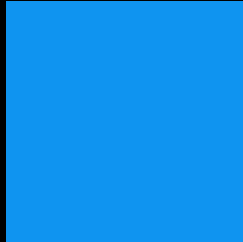
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5151, 27.5726, 86.3626 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

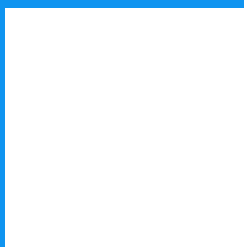
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5151, 27.5726, 86.3626

Background



This preview shows how black text looks on a background with the XYZ color 26.5151, 27.5726, 86.3626.



This preview shows how white text looks on a background with the XYZ color 26.5151, 27.5726,

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

26.5151, 27.5726, 86.3626

Protanopia

29.6238, 27.2947, 80.0510

Deuteranopia

28.5229, 27.6751, 87.0576



Tritanopia

19.3883, 27.3183, 41.7872

Trichromacy



Original Color

26.5151, 27.5726, 86.3626

Protanomaly

27.3409, 26.7219, 82.3141

Deuteranomaly

27.3678, 27.3055, 87.0471

Tritanomaly

21.4685, 27.0836, 55.7259

Monochromacy



Original Color

26.5151, 27.5726, 86.3626

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.9868, 20.3589, 37.6320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5151, 27.5726, 86.3626 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(15, 148, 240)` looks like.

```
.text, #text, p{  
    color:rgb(15, 148, 240)  
}
```

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(15, 148, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 148, 240) }
```

Border

The CSS property to change the border of an element to XYZ 26.5151, 27.5726, 86.3626 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(15, 148, 240) }
```


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

```
.border{ border-color:rgb(15, 148, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 148, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 148, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 148, 240);  
box-shadow:4px 4px 4px 4px rgb(15, 148,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5151, 27.5726, 86.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 148, 240) }
```

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

```
.background{ background-color: rgb(15, 148,  
240) }
```

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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