

Converting Colors

XYZ(27.4579, 27.3323, 94.1888)

Have a look what the booklet for
XYZ(27.4579, 27.3323, 94.1888)
contains.

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Color

**XYZ(27.5342, 27.4599,
94.2916)**

Conversions

Conversions Part 1

Format	Color
Hex	0092FA
RGB	0, 146, 250
RGB Percent	0%, 57%, 98%
CMY	0.9997, 0.4274, 0.0196
CMYK	1.00, 0.42, 0.00, 0.02
HSL	205°, 100%, 49%
HSV	205°, 100%, 98%
XYZ	27.5342, 27.4599, 94.2916
YIQ	114.2020, -120.4000, 1.3920

Conversions

Conversions Part 2

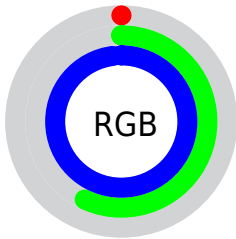
Format	Color
R _Y B	0, 92, 250
Decimal	37626
CIE Lab	59.40, 5.85, -60.64
CIE LCh	59, 60.920, 275.508
Yxy	27.4599, 0.1844, 0.1839
Android (android.graphics.Color)	4278227706 (0xFF0092FA)
YUV	114.2020, 66.9484, -100.1552
Hunter-Lab	52.4022, 2.0872, -70.0039

Details

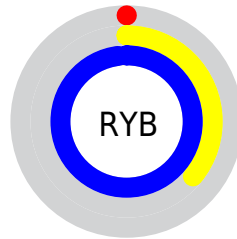
The XYZ color **27.5342, 27.4599, 94.2916** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **44.3826, 30.2394, 3.4996**, and the grayscale version is **15.8929, 16.7206, 18.2087**.

A 20% lighter version of the original color is **45.0290, 51.4464, 102.1646**, and **13.8085, 12.2160, 52.0822** is the 20% darker color. If you saturate the color by 10%, you get **27.5299, 27.4510, 94.2908**, and if you desaturate by 10%, it is **29.6145, 31.0225, 94.8703**.

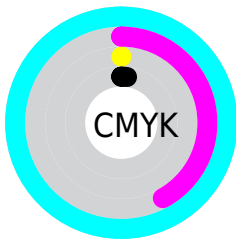
Distribution



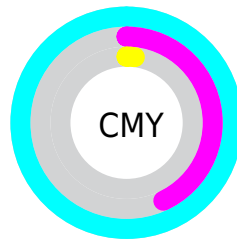
- Red (0%)
- Green (57%)
- Blue (98%)



- Red (0%)
- Yellow (36%)
- Blue (98%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5342, 27.4599, 94.2916 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 27.5342, 27.4599, 94.2916 by changing the saturation by 10% instead.

■ 27.5342, 27.4599,
94.2916

■ 27.5342, 27.4599,
94.2916

282.3550,
289.8770, 562.8209

■ 18.1135, 17.9189,
70.9519

■ 55.1538, 55.6210,
155.2727

■ 11.1317, 10.8918,
51.8213

■ 74.0833, 75.0099,
193.7512

■ 6.2234, 5.9941,
36.4814

■ 96.9132, 98.4502,
238.1130

■ 3.0234, 2.8415,
24.5136

■ 124.0088,
126.3263, 288.7767

■ 1.1661, 1.0496,
15.4993

■ 155.7354,
159.0227, 346.1608

■ 0.0794, 0.0000,
9.0201

192.4584,

■ 0.0000, 0.0000,

196.9237, 410.6838

4.6573

234.5432,
240.4137, 482.7643

■ 0.0000, 0.0000,
1.9924

■ 0.0000, 0.0000,
0.5506

■ 27.5342, 27.4599,
94.2916

■ 27.5342, 27.4599,
94.2916

■ 27.5299, 27.4510,
94.2908

■ 29.6145, 31.0225,
94.8703

■ 32.3578, 35.1489,
95.5221

■ 35.9264, 39.9282,
96.2566

■ 40.4196, 45.4169,
97.0792

■ 45.9211, 51.6630,
97.9948

■ 52.5046, 58.7093,
99.0079

■ 60.2359, 66.5946,
100.1224

■ 69.1758, 75.3546,
101.3421

■ 79.3800, 85.0226,
102.6704

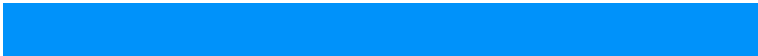
Harmonies

Analogous

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



20.4758, 27.4599, 86.7839



27.5342, 27.4599, 94.2916



35.5865, 27.4599, 78.8298

Triad

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



27.5342, 27.4599, 94.2916



39.9635, 27.4599, 11.5270



14.8920, 27.4599, 15.6394

Complementary

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



27.5342, 27.4599, 94.2916



44.3826, 30.2394, 3.4996

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.



18.4694, 27.4599, 7.0750



27.5342, 27.4599, 94.2916



32.6695, 27.4599, 5.6409

Square

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



27.5342, 27.4599, 94.2916



43.6048, 27.4599, 26.0430



24.7161, 27.4599, 4.5410



14.0467, 27.4599, 34.1183

Rectangle

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



27.5342, 27.4599, 94.2916



40.1622, 27.4599, 60.5786



24.7161, 27.4599, 4.5410



15.7754, 27.4599, 11.8536

Sweetspot

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



27.5354, 27.4607, 94.2923



62.9574, 69.6089, 104.7254



36.4891, 69.2931, 23.5193



12.7133, 14.1311, 22.3075



0.0000, 0.0000, 0.0000



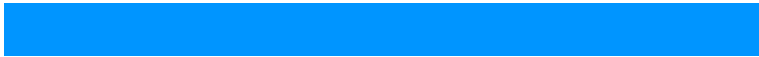
20.3446, 21.4041, 23.3091

Same Dimension

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



27.5354, 27.4607, 94.2923



28.7801, 28.6801, 98.6267



17.6054, 7.6007, 90.9823



17.1251, 18.3271, 22.0202



14.7480, 14.8516, 50.0629



1.4705, 1.5848, 4.6716

Inverse Universe

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



44.6138, 22.4011, 29.1669



46.6560, 23.4264, 30.4505



66.3524, 74.1790, 10.8229



17.6697, 17.3952, 20.1164



23.7361, 11.9102, 15.8507



2.2512, 1.1242, 1.7462

Previews

White Background



This preview shows how the XYZ color 27.5342, 27.4599, 94.2916 looks on a white background.

Color Contrast Check

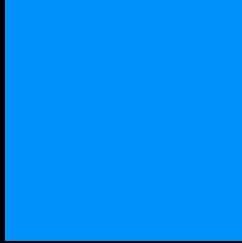
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5342, 27.4599, 94.2916 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

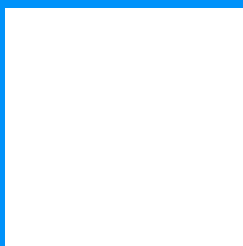
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5342, 27.4599, 94.2916

Background



This preview shows how black text looks on a background with the XYZ color 27.5342, 27.4599, 94.2916.



This preview shows how white text looks on a background with the XYZ color 27.5342, 27.4599,

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

27.5342, 27.4599, 94.2916

Protanopia

30.3400, 27.4777, 88.4987

Deuteranopia

28.4009, 27.4530, 94.2445



Tritanopia

19.3883, 27.3183, 41.7872

Trichromacy



Original Color

27.5342, 27.4599, 94.2916

Protanomaly

28.2942, 27.0240, 90.9137

Deuteranomaly

27.9161, 27.4289, 94.2655

Tritanomaly

21.7486, 27.1884, 57.5277

Monochromacy



Original Color

27.5342, 27.4599, 94.2916

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.8194, 18.9825, 37.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5342, 27.4599, 94.2916 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 250) }
```

Border

The CSS property to change the border of an element to XYZ 27.5342, 27.4599, 94.2916 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, 250) }
```


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

```
.border{ border-color:rgb(0, 146, 250) }
```

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, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5342, 27.4599, 94.2916 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, 250) }
```

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

```
.background{ background-color: rgb(0, 146,  
250) }
```

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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