

Converting Colors

XYZ(28.0148, 27.4066, 97.5794)

Have a look what the booklet for
XYZ(28.0148, 27.4066, 97.5794)
contains.

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Color

**XYZ(28.0148, 27.4066,
97.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	0091FE
RGB	0, 145, 254
RGB Percent	0%, 57%, 100%
CMY	0.9997, 0.4314, 0.0039
CMYK	1.00, 0.43, 0.00, 0.00
HSL	206°, 100%, 50%
HSV	206°, 100%, 100%
XYZ	28.0148, 27.4066, 97.5794
YIQ	114.0710, -121.4090, 3.1590

Conversions

Conversions Part 2

Format	Color
R _Y B	0, 92, 254
Decimal	37374
CIE Lab	59.35, 7.97, -62.91
CIE LCh	59, 63.416, 277.222
Yxy	27.4066, 0.1831, 0.1791
Android (android.graphics.Color)	4278227454 (0xFF0091FE)
YUV	114.0710, 68.9850, -100.0403
Hunter-Lab	52.3513, 3.9060, -73.8667

Details

The XYZ color **28.0148, 27.4066, 97.5794** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **46.3503, 32.0242, 3.7405**, and the grayscale version is **15.8483, 16.6737, 18.1577**.

A 20% lighter version of the original color is **44.9262, 51.0529, 102.0941**, and **14.2609, 12.3970, 54.4645** is the 20% darker color. If you saturate the color by 10%, you get **28.0102, 27.3972, 97.5785**, and if you desaturate by 10%, it is **30.1746, 31.1133, 98.1817**.

Distribution



- Red (0%)
- Green (57%)
- Blue (100%)



- Red (0%)
- Yellow (36%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0148, 27.4066, 97.5794 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 28.0148, 27.4066, 97.5794 by changing the saturation by 10% instead.

■ 28.0148, 27.4066,
97.5794

■ 28.0148, 27.4066,
97.5794

284.6164,
289.6205, 573.5840

■ 18.4773, 17.8788,
73.6750

■ 55.9165, 55.5356,
159.8495

■ 11.3950, 10.8630,
54.0329

■ 75.0115, 74.9057,
199.0522

■ 6.4024, 5.9748,
38.2346

■ 98.0231, 98.3253,
244.1914

■ 3.1342, 2.8298,
25.8616

■ 125.3165,
126.1789, 295.6857

■ 1.2252, 1.0435,
16.4953

■ 157.2572,
158.8508, 353.9535

■ 0.1261, 0.0000,
9.7172

194.2105,

■ 0.0000, 0.0000,

196.7254, 419.4135

5.1087

236.5418,
240.1872, 492.4842

■ 0.0000, 0.0000,
2.2513

■ 0.0000, 0.0000,
0.7038

■ 28.0148, 27.4066,
97.5794

■ 28.0148, 27.4066,
97.5794

■ 28.0102, 27.3972,
97.5785

■ 30.1746, 31.1133,
98.1817

■ 33.0319, 35.4232,
98.8630

■ 36.7547, 40.4293,
99.6330

■ 41.4468, 46.1908,
100.4978

■ 47.1955, 52.7586,
101.4626

■ 54.0778, 60.1779,
102.5319

■ 62.1627, 68.4896,
103.7101

■ 71.5133, 77.7316,
105.0011

■ 82.1882, 87.9390,
106.4087

Harmonies

Analogous

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



20.5767, 27.4066, 90.9888



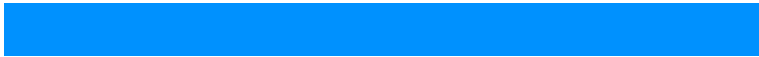
28.0148, 27.4066, 97.5794



36.4124, 27.4066, 79.9194

Triad

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



28.0148, 27.4066, 97.5794



40.1871, 27.4066, 10.4439



14.3611, 27.4066, 15.9179

Complementary

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



28.0148, 27.4066, 97.5794



46.3503, 32.0242, 3.7405

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.



17.8663, 27.4066, 6.8164



28.0148, 27.4066, 97.5794



32.4148, 27.4066, 4.9628

Square

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



28.0148, 27.4066, 97.5794



44.3088, 27.4066, 24.6778



24.1777, 27.4066, 4.0933



13.6542, 27.4066, 35.6787

Rectangle

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



28.0148, 27.4066, 97.5794



41.0999, 27.4066, 60.3036



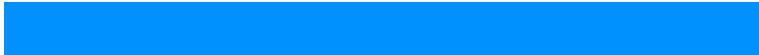
24.1777, 27.4066, 4.0933



15.2107, 27.4066, 11.8838

Sweetspot

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



28.0160, 27.4074, 97.5801



62.6893, 69.0728, 104.6360



38.0381, 71.9226, 25.4798



12.6496, 14.0037, 22.2862



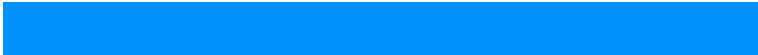
0.0000, 0.0000, 0.0000



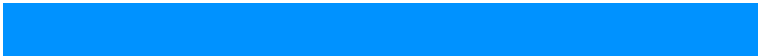
20.3446, 21.4041, 23.3091

Same Dimension

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



28.0160, 27.4074, 97.5801



28.2580, 27.6361, 98.4527



18.1629, 7.7013, 94.2958



17.8637, 19.0990, 22.9949



14.9167, 14.7429, 51.4941



1.5609, 1.6525, 5.0500

Inverse Universe

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



45.9851, 23.1169, 28.8268



46.3925, 23.3210, 29.0630



69.9674, 79.2585, 11.6129



18.4438, 18.1609, 20.9544



24.3174, 12.2163, 15.5880



2.4225, 1.2114, 1.8062

Previews

White Background



This preview shows how the XYZ color 28.0148, 27.4066, 97.5794 looks on a white background.

Color Contrast Check

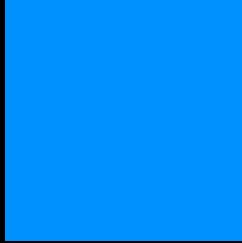
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0148, 27.4066, 97.5794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

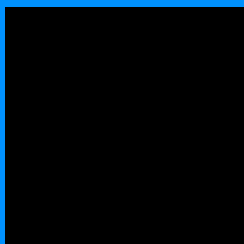
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

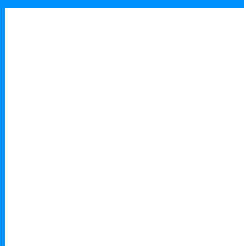
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0148, 27.4066, 97.5794

Background



This preview shows how black text looks on a background with the XYZ color 28.0148, 27.4066, 97.5794.

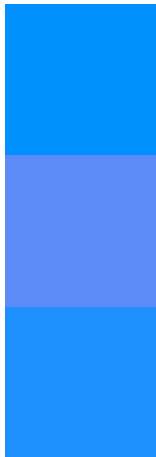


This preview shows how white text looks on a background with the XYZ color 28.0148, 27.4066,

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

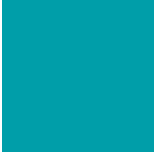
28.0148, 27.4066, 97.5794

Protanopia

30.3912, 27.2195, 91.6478

Deuteranopia

28.3981, 27.3783, 97.5537



Tritanopia

19.3883, 27.3183, 41.7872

Trichromacy



Original Color

28.0148, 27.4066, 97.5794

Protanomaly

28.5838, 26.8817, 94.1246

Deuteranomaly

28.1312, 27.2407, 97.5412

Tritanomaly

21.8166, 26.9526, 58.6961

Monochromacy



Original Color

28.0148, 27.4066, 97.5794

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.8728, 18.8003, 38.3368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0148, 27.4066, 97.5794 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, 145, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 254)  
}
```

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, 145, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 254) }
```

Border

The CSS property to change the border of an element to XYZ 28.0148, 27.4066, 97.5794 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, 145, 254) }
```


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

```
.border{ border-color:rgb(0, 145, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0148, 27.4066, 97.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 254) }
```

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

```
.background{ background-color: rgb(0, 145,  
254) }
```

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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