

Converting Colors

XYZ(26.9338, 27.3666, 92.8563)

Have a look what the booklet for
XYZ(26.9338, 27.3666, 92.8563)
contains.

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Color

**XYZ(27.3770, 27.6447,
92.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	0093F8
RGB	0, 147, 248
RGB Percent	0%, 58%, 97%
CMY	0.9997, 0.4235, 0.0274
CMYK	1.00, 0.41, 0.00, 0.03
HSL	204°, 100%, 49%
HSV	204°, 100%, 97%
XYZ	27.3770, 27.6447, 92.7000
YIQ	114.5610, -120.0330, 0.2470

Conversions

Conversions Part 2

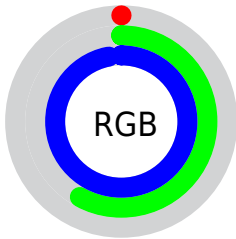
Format	Color
R _{YB}	0, 92, 248
Decimal	37880
CIE _{Lab}	59.57, 4.49, -59.27
CIE _{LCh}	60, 59.438, 274.332
Y _{xy}	27.6447, 0.1853, 0.1871
Android (android.graphics.Color)	4278227960 (0xFF0093F8)
Y _{UV}	114.5610, 65.7854, -100.4700
Hunter-Lab	52.5782, 0.9314, -67.7287

Details

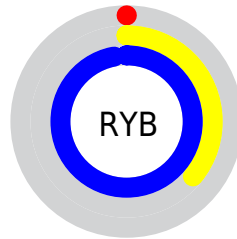
The XYZ color **27.3770, 27.6447, 92.7000** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **43.3730, 29.2786, 3.3675**, and the grayscale version is **16.0038, 16.8373, 18.3358**.

A 20% lighter version of the original color is **45.1347, 51.8435, 102.2357**, and **13.6787, 12.3110, 50.9455** is the 20% darker color. If you saturate the color by 10%, you get **27.3725, 27.6356, 92.6991**, and if you desaturate by 10%, it is **29.4158, 31.1315, 93.2662**.

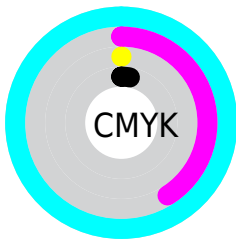
Distribution



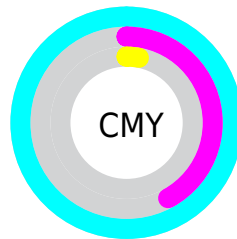
- Red (0%)
- Green (58%)
- Blue (97%)



- Red (0%)
- Yellow (36%)
- Blue (97%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (3%)





- Cyan (100%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3770, 27.6447, 92.7000 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 27.3770, 27.6447, 92.7000 by changing the saturation by 10% instead.


 27.3770, 27.6447,
92.7000


 27.3770, 27.6447,
92.7000


281.6123,
290.7652, 557.5704


 17.9946, 18.0580,
69.6359


 54.9039, 55.9167,
153.0513


 11.0458, 10.9916,
50.7548


 73.7791, 75.3708,
191.1756


 6.1652, 6.0612,
35.6381


 96.5492, 98.8828,
235.1571

 2.9874, 2.8823,
23.8674

 123.5797,
126.8371, 285.4142

 1.1471, 1.0706,
15.0240

 155.2360,
159.6181, 342.3655

 0.0640, 0.0000,
8.6894

191.8832,

 0.0000, 0.0000,

197.6102, 406.4297

4.4451

233.8868,
241.1978, 478.0251

■ 0.0000, 0.0000,
1.8726

■ 0.0000, 0.0000,
0.4752

■ 27.3770, 27.6447,
92.7000

■ 27.3770, 27.6447,
92.7000

■ 27.3725, 27.6356,
92.6991

■ 29.4158, 31.1315,
93.2662

■ 32.0994, 35.1605,
93.9024

■ 35.5875, 39.8189,
94.6178

■ 39.9771, 45.1616,
95.4176

■ 45.3500, 51.2352,
96.3068

■ 51.7781, 58.0813,
97.2894

■ 59.3260, 65.7375,
98.3694

■ 68.0528, 74.2383,
99.5503

■ 78.0132, 83.6162,
100.8354

Harmonies

Analogous

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



20.5242, 27.6447, 84.5922



27.3770, 27.6447, 92.7000



35.2518, 27.6447, 78.5456

Triad

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



27.3770, 27.6447, 92.7000



40.0340, 27.6447, 12.3316



15.3259, 27.6447, 15.5498

Complementary

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



27.3770, 27.6447, 92.7000



43.3730, 29.2786, 3.3675

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.



18.9691, 27.6447, 7.2877



27.3770, 27.6447, 92.7000



33.0118, 27.6447, 6.1446

Square

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



27.3770, 27.6447, 92.7000



43.3873, 27.6447, 27.0947



25.2039, 27.6447, 4.8750



14.3836, 27.6447, 33.3205

Rectangle

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



27.3770, 27.6447, 92.7000



39.7798, 27.6447, 61.0783



25.2039, 27.6447, 4.8750



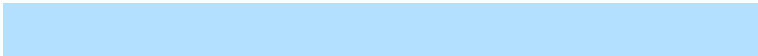
16.2362, 27.6447, 11.9025

Sweetspot

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



27.3782, 27.6455, 92.7007



63.1365, 69.9672, 104.7851



35.8324, 68.0413, 23.1106



12.7559, 14.2163, 22.3217



0.0000, 0.0000, 0.0000



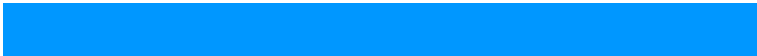
20.3446, 21.4041, 23.3091

Same Dimension

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



27.3782, 27.6455, 92.7007



29.1357, 29.3913, 98.7452



17.2891, 7.4674, 89.3377



17.1382, 18.3533, 22.0246



14.9279, 15.2114, 50.1229



1.4867, 1.6171, 4.6770

Inverse Universe

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



43.9790, 22.0648, 29.5451



46.8355, 23.4982, 31.3957



65.1554, 72.8434, 10.6283



17.6763, 17.3979, 20.1512



23.8270, 11.9465, 16.3290



2.2594, 1.1275, 1.7892

Previews

White Background



This preview shows how the XYZ color 27.3770, 27.6447, 92.7000 looks on a white background.

Color Contrast Check

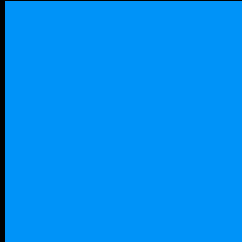
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3770, 27.6447, 92.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

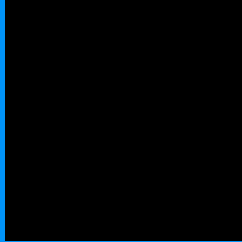
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

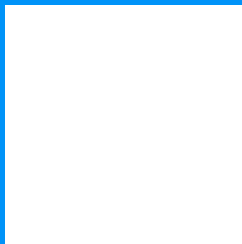
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3770, 27.6447, 92.7000

Background



This preview shows how black text looks on a background with the XYZ color 27.3770, 27.6447, 92.7000.



This preview shows how white text looks on a background with the XYZ color 27.3770, 27.6447,

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

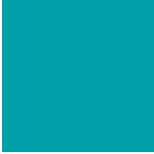
27.3770, 27.6447, 92.7000

Protanopia

30.3653, 27.5254, 86.9316

Deuteranopia

28.6477, 27.5983, 93.4396



Tritanopia

19.5596, 27.6608, 41.8443

Trichromacy



Original Color

27.3770, 27.6447, 92.7000

Protanomaly

28.1165, 26.9676, 89.3113

Deuteranomaly

27.9174, 27.4477, 93.4491

Tritanomaly

21.9144, 27.5199, 57.5829

Monochromacy



Original Color

27.3770, 27.6447, 92.7000

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9479, 19.2396, 37.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3770, 27.6447, 92.7000 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, 147, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 248)  
}
```

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, 147, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 248) }
```

Border

The CSS property to change the border of an element to XYZ 27.3770, 27.6447, 92.7000 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, 147, 248) }
```


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

```
.border{ border-color:rgb(0, 147, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 147, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3770, 27.6447, 92.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 248) }
```

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

```
.background{ background-color: rgb(0, 147,  
248) }
```

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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