

Converting Colors

XYZ(23.0785, 24.3748, 95.4545)

Have a look what the booklet for
XYZ(23.0785, 24.3748, 95.4545)
contains.

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Color

**XYZ(27.3931, 26.6732,
95.8001)**

Conversions

Conversions Part 1

Format	Color
Hex	008FFC
RGB	0, 143, 252
RGB Percent	0%, 56%, 99%
CMY	0.9997, 0.4392, 0.0118
CMYK	1.00, 0.43, 0.00, 0.01
HSL	206°, 100%, 49%
HSV	206°, 100%, 99%
XYZ	27.3931, 26.6732, 95.8001
YIQ	112.6690, -120.2170, 3.5830

Conversions

Conversions Part 2

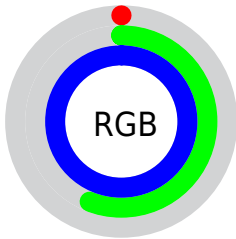
Format	Color
R _{YB}	0, 91, 252
Decimal	36860
CIE _{Lab}	58.67, 8.42, -62.90
CIE _{LCh}	59, 63.463, 277.620
Y _{xy}	26.6732, 0.1828, 0.1780
Android (android.graphics.Color)	4278226940 (0xFF008FFC)
YUV	112.6690, 68.6902, -98.8107
Hunter-Lab	51.6461, 4.2957, -73.8267

Details

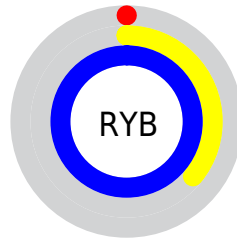
The XYZ color **27.3931, 26.6732, 95.8001** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **45.6216, 31.6478, 3.7061**, and the grayscale version is **15.4336, 16.2373, 17.6825**.

A 20% lighter version of the original color is **44.3455, 50.0794, 101.9368**, and **13.8530, 11.9455, 53.2053** is the 20% darker color. If you saturate the color by 10%, you get **27.3889, 26.6645, 95.7993**, and if you desaturate by 10%, it is **29.5181, 30.3179, 96.3922**.

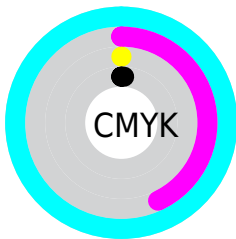
Distribution



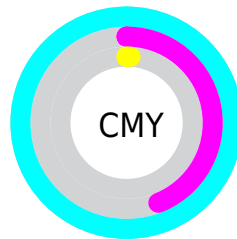
- Red (0%)
- Green (56%)
- Blue (99%)



- Red (0%)
- Yellow (36%)
- Blue (99%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (44%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3931, 26.6732, 95.8001 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 27.3931, 26.6732, 95.8001 by changing the saturation by 10% instead.

■ 27.3931, 26.6732,
95.8001

■ 27.3931, 26.6732,
95.8001

281.6884,
286.0713, 567.7729

■ 18.0068, 17.3279,
72.2005

■ 54.9295, 54.3590,
157.3746

■ 11.0546, 10.4686,
52.8347

■ 73.8102, 73.4684,
196.1866

■ 6.1711, 5.7107,
37.2840

■ 96.5865, 96.6012,
240.9064

■ 2.9911, 2.6700,
25.1299

■ 123.6237,
124.1419, 291.9527

■ 1.1490, 0.9620,
15.9540

■ 155.2871,
156.4748, 349.7440

■ 0.0655, 0.0000,
9.3376

191.9422,

■ 0.0000, 0.0000,

193.9845, 414.6987

4.8622

233.9541,
237.0552, 487.2355

■ 0.0000, 0.0000,
2.1093

■ 0.0000, 0.0000,
0.6213

■ 27.3931, 26.6732,
95.8001

■ 27.3931, 26.6732,
95.8001

■ 27.3889, 26.6645,
95.7993

■ 29.5181, 30.3179,
96.3922

■ 32.3298, 34.5591,
97.0627

■ 35.9936, 39.4883,
97.8210

■ 40.6114, 45.1641,
98.6732

■ 46.2689, 51.6364,
99.6243

■ 53.0416, 58.9497,
100.6789

■ 60.9973, 67.1444,
101.8413

■ 70.1981, 76.2577,
103.1154

■ 80.7015, 86.3244,
104.5049

Harmonies

Analogous

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



20.0600, 26.6732, 89.6103



27.3931, 26.6732, 95.8001



35.6524, 26.6732, 78.0738

Triad

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



27.3931, 26.6732, 95.8001



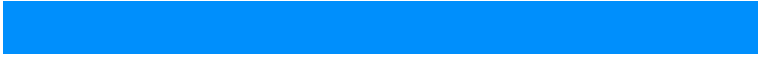
39.1825, 26.6732, 9.9230



13.8596, 26.6732, 15.5668

Complementary

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



27.3931, 26.6732, 95.8001



45.6216, 31.6478, 3.7061

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.



17.2554, 26.6732, 6.5774



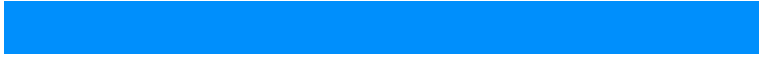
27.3931, 26.6732, 95.8001



31.5015, 26.6732, 4.6802

Square

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



27.3931, 26.6732, 95.8001



43.3107, 26.6732, 23.7116



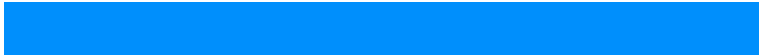
23.4150, 26.6732, 3.8844



13.2036, 26.6732, 35.1181

Rectangle

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



27.3931, 26.6732, 95.8001



40.2431, 26.6732, 58.6499



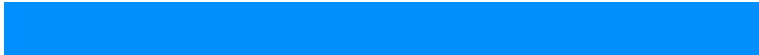
23.4150, 26.6732, 3.8844



14.6790, 26.6732, 11.5794

Sweetspot

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



27.3943, 26.6740, 95.8008



62.6202, 68.9346, 104.6130



37.3634, 70.6425, 25.0417



12.6332, 13.9709, 22.2808



0.0000, 0.0000, 0.0000



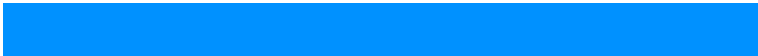
20.3446, 21.4041, 23.3091

Same Dimension

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



27.3943, 26.6740, 95.8008



28.1254, 27.3709, 98.4085



17.8410, 7.5674, 92.6164



17.1004, 18.2776, 22.0119



14.4165, 14.1885, 49.9524



1.4406, 1.5248, 4.6616

Inverse Universe

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



45.1039, 22.6803, 27.9875



46.3256, 23.2942, 28.7105



68.7232, 77.8512, 11.4067



17.6572, 17.3902, 20.0505



23.5688, 11.8432, 14.9696



2.2361, 1.1182, 1.6665

Previews

White Background



This preview shows how the XYZ color 27.3931, 26.6732, 95.8001 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 27.3931, 26.6732, 95.8001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

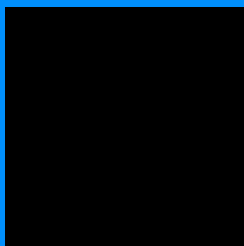
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

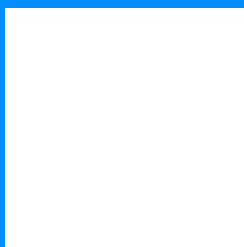
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3931, 26.6732, 95.8001

Background



This preview shows how black text looks on a background with the XYZ color 27.3931, 26.6732, 95.8001.



This preview shows how white text looks on a background with the XYZ color 27.3931, 26.6732,

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

27.3931, 26.6732, 95.8001

Protanopia

29.7967, 26.7188, 90.7756

Deuteranopia

27.7240, 26.8438, 95.8156



Tritanopia

18.8635, 26.5670, 40.6929

Trichromacy



Original Color

27.3931, 26.6732, 95.8001

Protanomaly

27.8632, 26.1124, 92.3786

Deuteranomaly

27.5743, 26.7666, 95.8086

Tritanomaly

21.2597, 26.2104, 57.3647

Monochromacy



Original Color

27.3931, 26.6732, 95.8001

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.5810, 18.4734, 37.8138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3931, 26.6732, 95.8001 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, 143, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 252)  
}
```

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, 143, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 252) }
```

Border

The CSS property to change the border of an element to XYZ 27.3931, 26.6732, 95.8001 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, 143, 252) }
```


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

```
.border{ border-color:rgb(0, 143, 252) }
```

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

Here you see how a box with a 4 pixel rgb(0, 143, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3931, 26.6732, 95.8001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 252) }
```

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

```
.background{ background-color: rgb(0, 143,  
252) }
```

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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