

Converting Colors

XYZ(27.4447, 26.9788, 94.9091)

Have a look what the booklet for
XYZ(27.4447, 26.9788, 94.9091)
contains.

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Color

**XYZ(27.4484, 26.9438,
95.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	0590FB
RGB	5, 144, 251
RGB Percent	2%, 56%, 98%
CMY	0.9801, 0.4353, 0.0157
CMYK	0.98, 0.43, 0.00, 0.02
HSL	206°, 97%, 50%
HSV	206°, 98%, 98%
XYZ	27.4484, 26.9438, 95.0208
YIQ	114.6370, -117.1910, 3.8090

Conversions

Conversions Part 2

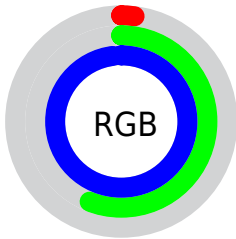
Format	Color
R _Y B	5, 94, 251
Decimal	364795
CIE Lab	58.92, 7.55, -61.95
CIE LCh	59, 62.407, 276.951
Yxy	26.9438, 0.1837, 0.1803
Android (android.graphics.Color)	4278554875 (0xFF0590FB)
YUV	114.6370, 67.2270, -96.1516
Hunter-Lab	51.9074, 3.5520, -72.2000

Details

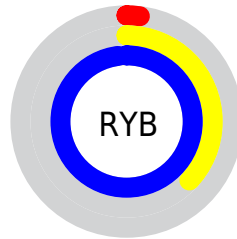
The XYZ color **27.4484, 26.9438, 95.0208** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **45.6137, 32.1244, 3.9421**, and the grayscale version is **16.0215, 16.8559, 18.3561**.

A 20% lighter version of the original color is **44.6983, 50.5972, 102.0181**, and **13.8298, 12.0795, 52.6416** is the 20% darker color. If you saturate the color by 10%, you get **27.0552, 26.2501, 94.9083**, and if you desaturate by 10%, it is **29.6614, 30.6602, 95.6221**.

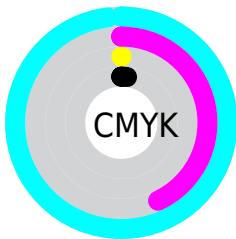
Distribution



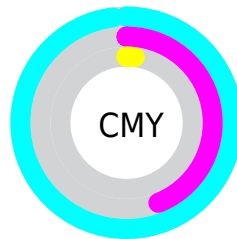
- Red (2%)
- Green (56%)
- Blue (98%)



- Red (2%)
- Yellow (37%)
- Blue (98%)



- Cyan (98%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4484, 26.9438, 95.0208 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 27.4484, 26.9438, 95.0208 by changing the saturation by 10% instead.

■ 27.4484, 26.9438,
95.0208

■ 27.4484, 26.9438,
95.0208

281.9498,
287.3849, 565.2176

■ 18.0486, 17.5310,
71.5553

■ 55.0174, 54.7937,
156.2892

■ 11.0848, 10.6138,
52.3109

■ 73.9173, 73.9996,
194.9291

■ 6.1916, 5.8078,
36.8690

■ 96.7146, 97.2386,
239.4643

■ 3.0037, 2.7286,
24.8111

■ 123.7747,
124.8952, 290.3133

■ 1.1557, 0.9917,
15.7186

■ 155.4629,
157.3537, 347.8945

■ 0.0710, 0.0000,
9.1731

192.1446,

■ 0.0000, 0.0000,

194.9986, 412.6266

4.7559

234.1851,
238.2142, 484.9282

■ 0.0000, 0.0000,
2.0485

■ 0.0000, 0.0000,
0.5849

■ 27.4484, 26.9438,
95.0208

■ 27.4484, 26.9438,
95.0208

■ 27.0552, 26.2501,
94.9083

■ 29.6614, 30.6602,
95.6221

■ 32.6107, 35.0000,
96.3044

■ 36.4277, 40.0373,
97.0755

■ 41.2095, 45.8282,
97.9412

■ 47.0389, 52.4210,
98.9065

■ 53.9888, 59.8590,
99.9759

■ 62.1253, 68.1815,
101.1535

■ 71.5089, 77.4252,
102.4431

■ 82.1959, 87.6241,
103.8484

Harmonies

Analogous

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



20.2253, 26.9438, 88.4329



27.4484, 26.9438, 95.0208



35.6110, 26.9438, 78.1238

Triad

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



27.4484, 26.9438, 95.0208



39.4005, 26.9438, 10.4817



14.2331, 26.9438, 15.6403

Complementary

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



27.4484, 26.9438, 95.0208



45.6137, 32.1244, 3.9421

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.



17.6811, 26.9438, 6.7882



27.4484, 26.9438, 95.0208



31.8728, 26.9438, 5.0276

Square

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



27.4484, 26.9438, 95.0208



43.3545, 26.9438, 24.4864



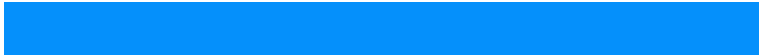
23.8542, 26.9438, 4.1355



13.5180, 26.9438, 34.7898

Rectangle

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



27.4484, 26.9438, 95.0208



40.1784, 26.9438, 59.1714



23.8542, 26.9438, 4.1355



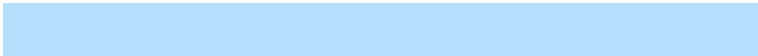
15.0717, 26.9438, 11.7218

Sweetspot

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



27.4496, 26.9446, 95.0215



63.4589, 69.7320, 104.7227



37.4655, 70.1894, 26.7977



12.7912, 14.1216, 22.3015



0.0000, 0.0000, 0.0000



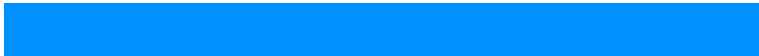
20.3446, 21.4041, 23.3091

Same Dimension

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



27.4496, 26.9446, 95.0215



28.0314, 27.1829, 98.3771



17.7530, 7.5514, 91.7893



17.0967, 18.2703, 22.0107



14.3688, 14.0933, 49.9365



1.4362, 1.5162, 4.6601

Inverse Universe

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



44.8731, 22.6331, 28.3894



46.2782, 23.2753, 28.4606



69.4072, 79.7115, 11.8733



17.6554, 17.3895, 20.0409



23.5448, 11.8336, 14.8430



2.2339, 1.1173, 1.6550

Previews

White Background



This preview shows how the XYZ color 27.4484, 26.9438, 95.0208 looks on a white background.

Color Contrast Check

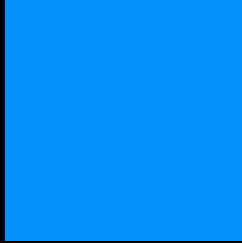
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4484, 26.9438, 95.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

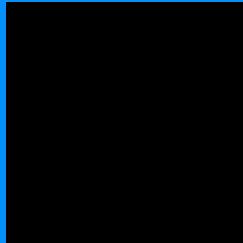
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

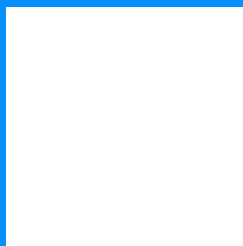
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4484, 26.9438, 95.0208

Background



This preview shows how black text looks on a background with the XYZ color 27.4484, 26.9438, 95.0208.



This preview shows how white text looks on a background with the XYZ color 27.4484, 26.9438,

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

27.4484, 26.9438, 95.0208

Protanopia

29.7890, 26.7501, 89.1812

Deuteranopia

27.8947, 26.9500, 94.9985



Tritanopia

19.0320, 26.9040, 40.7491

Trichromacy



Original Color

27.4484, 26.9438, 95.0208

Protanomaly

28.0911, 26.4637, 91.6231

Deuteranomaly

27.5884, 26.7921, 94.9841

Tritanomaly

21.4463, 26.5466, 57.4197

Monochromacy



Original Color

27.4484, 26.9438, 95.0208

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.0633, 19.0979, 37.9089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4484, 26.9438, 95.0208 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(5, 144, 251)` looks like.

```
.text, #text, p{  
    color:rgb(5, 144, 251)  
}
```

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(5, 144, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 144, 251) }
```

Border

The CSS property to change the border of an element to XYZ 27.4484, 26.9438, 95.0208 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(5, 144, 251) }
```


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

```
.border{ border-color:rgb(5, 144, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 144, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 144, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 144, 251);  
box-shadow:4px 4px 4px 4px rgb(5, 144,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4484, 26.9438, 95.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 144, 251) }
```

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

```
.background{ background-color: rgb(5, 144,  
251) }
```

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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