

Converting Colors

XYZ(29.4106, 30.4519, 96.7996)

Have a look what the booklet for
XYZ(29.4106, 30.4519, 96.7996)
contains.

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Color

**XYZ(29.3922, 30.5226,
96.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	089BFC
RGB	8, 155, 252
RGB Percent	3%, 61%, 99%
CMY	0.9683, 0.3922, 0.0118
CMYK	0.97, 0.38, 0.00, 0.01
HSL	204°, 98%, 51%
HSV	204°, 97%, 99%
XYZ	29.3922, 30.5226, 96.4378
YIQ	122.1050, -118.7490, -0.9970

Conversions

Conversions Part 2

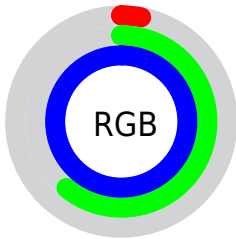
Format	Color
R _{YB}	8, 100, 252
Decimal	564220
CIE Lab	62.10, 1.47, -57.41
CIE LCh	62, 57.429, 271.466
Yxy	30.5226, 0.1880, 0.1952
Android (android.graphics.Color)	4278754300 (0xFF089BFC)
YUV	122.1050, 64.0382, -100.0701
Hunter-Lab	55.2473, -1.7186, -64.8216

Details

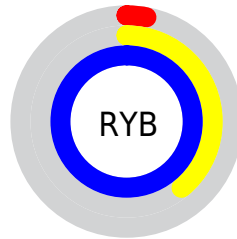
The XYZ color **29.3922, 30.5226, 96.4378** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **45.2488, 30.8319, 3.7982**, and the grayscale version is **18.3661, 19.3225, 21.0423**.

A 20% lighter version of the original color is **47.6605, 56.3316, 102.9689**, and **14.9019, 14.0433, 53.5550** is the 20% darker color. If you saturate the color by 10%, you get **28.7649, 29.4166, 96.2581**, and if you desaturate by 10%, it is **31.6661, 34.2746, 97.0429**.

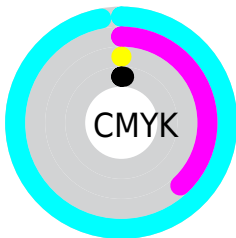
Distribution



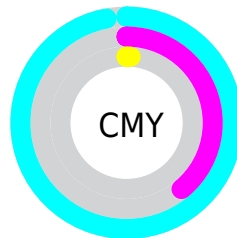
- Red (3%)
- Green (61%)
- Blue (99%)



- Red (3%)
- Yellow (39%)
- Blue (99%)



- Cyan (97%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)



- Cyan (97%)
- Magenta (39%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3922, 30.5226, 96.4378 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 29.3922, 30.5226, 96.4378 by changing the saturation by 10% instead.

■ 29.3922, 30.5226,
96.4378

■ 29.3922, 30.5226,
96.4378

291.0219,
304.3329, 569.8593

■ 19.5235, 20.2356,
72.7288

■ 58.0929, 60.4877,
158.2621

■ 12.1554, 12.5664,
53.2637

■ 77.6556, 80.9345,
197.2145

■ 6.9225, 7.1307,
37.6242

■ 101.1803,
105.5368, 242.0850

■ 3.4596, 3.5440,
25.3916

■ 129.0324,
134.6788, 293.2922

■ 1.4012, 1.4219,
16.1474

■ 161.5773,
168.7450, 351.2548

■ 0.2571, 0.2328,
9.4730

199.1803,

■ 0.0000, 0.0000,

208.1199, 416.3911

4.9500

242.2067,
253.1877, 489.1197

■ 0.0000, 0.0000,
2.1597

■ 0.0000, 0.0000,
0.6510

■ 29.3922, 30.5226,
96.4378

■ 29.3922, 30.5226,
96.4378

■ 28.7649, 29.4166,
96.2581

■ 31.6661, 34.2746,
97.0429

■ 34.6820, 38.6191,
97.7225

■ 38.5606, 43.6232,
98.4839

■ 43.3966, 49.3403,
99.3326

■ 49.2715, 55.8167,
100.2730

■ 56.2569, 63.0937,
101.3094

■ 64.4180, 71.2087,
102.4457

■ 73.8144, 80.1968,
103.6853

■ 84.5015, 90.0902,
105.0316

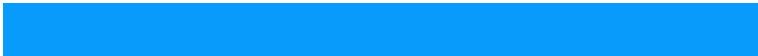
Harmonies

Analogous

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



22.4809, 30.5226, 86.3334



29.3922, 30.5226, 96.4378



37.4713, 30.5226, 84.2945

Triad

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



29.3922, 30.5226, 96.4378



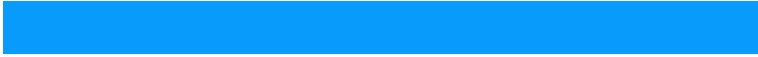
43.6065, 30.5226, 15.6132



17.8245, 30.5226, 16.7794

Complementary

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



29.3922, 30.5226, 96.4378



45.2488, 30.8319, 3.7982

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.



21.9306, 30.5226, 8.5593



29.3922, 30.5226, 96.4378



36.6966, 30.5226, 8.1265

Square

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



29.3922, 30.5226, 96.4378



46.5278, 30.5226, 32.1582



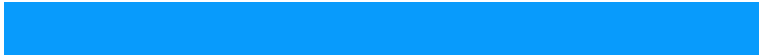
28.6327, 30.5226, 6.2741



16.5560, 30.5226, 34.3333

Rectangle

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



29.3922, 30.5226, 96.4378



42.2432, 30.5226, 67.3847



28.6327, 30.5226, 6.2741



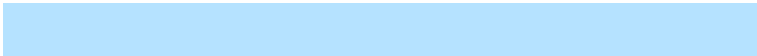
18.8779, 30.5226, 13.1590

Sweetspot

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



29.3935, 30.5235, 96.4386



64.2036, 71.2213, 104.9709



37.2893, 70.6245, 24.1282



12.9692, 14.4776, 22.3609



0.0000, 0.0000, 0.0000



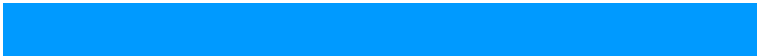
20.3446, 21.4041, 23.3091

Same Dimension

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



29.3935, 30.5235, 96.4386



29.5390, 30.1981, 98.8797



18.3191, 8.3748, 92.7472



17.1528, 18.3825, 22.0294



15.1319, 15.6194, 50.1909



1.5050, 1.6537, 4.6831

Inverse Universe

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



46.1494, 23.2375, 33.0638



47.0391, 23.5797, 32.4678



66.7224, 73.7793, 10.9561



17.6837, 17.4008, 20.1900



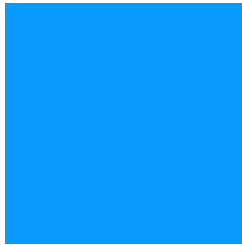
23.9299, 11.9877, 16.8712



2.2686, 1.1312, 1.8378

Previews

White Background



This preview shows how the XYZ color 29.3922, 30.5226, 96.4378 looks on a white background.

Color Contrast Check

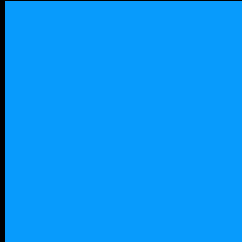
Large Text (above 18pt) WCAG AA × Fail

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 29.3922, 30.5226, 96.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

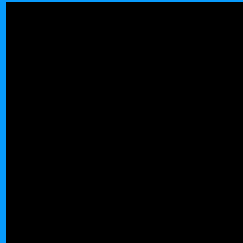
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

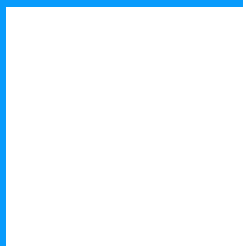
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3922, 30.5226, 96.4378

Background



This preview shows how black text looks on a background with the XYZ color 29.3922, 30.5226, 96.4378.



This preview shows how white text looks on a background with the XYZ color 29.3922, 30.5226,

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

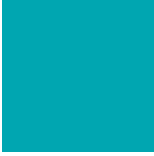
29.3922, 30.5226, 96.4378

Protanopia

32.8870, 30.3438, 88.9176

Deuteranopia

31.4600, 30.3604, 97.1305



Tritanopia

21.5720, 30.4468, 46.3348

Trichromacy



Original Color

29.3922, 30.5226, 96.4378

Protanomaly

30.1297, 29.5652, 91.3074

Deuteranomaly

30.2733, 30.2264, 97.1672

Tritanomaly

23.8570, 30.2197, 61.7023

Monochromacy



Original Color

29.3922, 30.5226, 96.4378

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.0799, 21.6641, 40.7121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3922, 30.5226, 96.4378 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(8, 155, 252)` looks like.

```
.text, #text, p{  
    color:rgb(8, 155, 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(8, 155, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 155, 252) }
```

Border

The CSS property to change the border of an element to XYZ 29.3922, 30.5226, 96.4378 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(8, 155, 252) }
```


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

```
.border{ border-color:rgb(8, 155, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 155, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 155, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 155, 252);  
box-shadow:4px 4px 4px 4px rgb(8, 155,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3922, 30.5226, 96.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 155, 252) }
```

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

```
.background{ background-color: rgb(8, 155,  
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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