

Converting Colors

XYZ(26.4436, 28.3942, 95.4050)

Have a look what the booklet for
XYZ(26.4436, 28.3942, 95.4050)
contains.

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Color

**XYZ(28.6408, 29.4215,
95.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	0098FB
RGB	0, 152, 251
RGB Percent	0%, 60%, 98%
CMY	0.9997, 0.4039, 0.0157
CMYK	1.00, 0.39, 0.00, 0.02
HSL	204°, 100%, 49%
HSV	204°, 100%, 98%
XYZ	28.6408, 29.4215, 95.4362
YIQ	117.8380, -122.3710, -1.4350

Conversions

Conversions Part 2

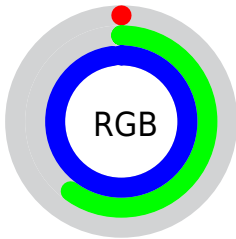
Format	Color
RYB	0, 95, 251
Decimal	39163
CIELab	61.15, 2.66, -58.38
CIELCh	61, 58.443, 272.609
Yxy	29.4215, 0.1866, 0.1917
Android (android.graphics.Color)	4278229243 (0xFF0098FB)
YUV	117.8380, 65.6489, -103.3439
Hunter-Lab	54.2416, -0.6707, -66.3496

Details

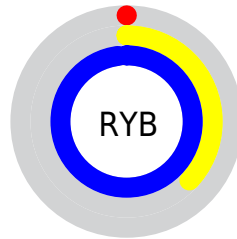
The XYZ color **28.6408, 29.4215, 95.4362** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **44.2529, 29.4466, 3.3534**, and the grayscale version is **17.0051, 17.8907, 19.4830**.

A 20% lighter version of the original color is **46.6769, 54.7421, 102.7139**, and **14.4890, 13.3978, 52.8613** is the 20% darker color. If you saturate the color by 10%, you get **28.6366, 29.4128, 95.4354**, and if you desaturate by 10%, it is **30.7213, 32.9808, 96.0142**.

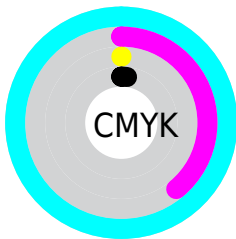
Distribution



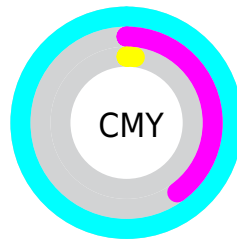
- Red (0%)
- Green (60%)
- Blue (98%)



- Red (0%)
- Yellow (37%)
- Blue (98%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6408, 29.4215, 95.4362 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 28.6408, 29.4215, 95.4362 by changing the saturation by 10% instead.

■ 28.6408, 29.4215,
95.4362

■ 28.6408, 29.4215,
95.4362

287.5412,
299.1985, 566.5805

■ 18.9522, 19.3999,
71.8992

■ 56.9074, 58.7461,
156.8679

■ 11.7395, 11.9596,
52.5900

■ 76.2161, 78.8179,
195.5996

■ 6.6375, 6.7162,
37.0901

■ 99.4622, 103.0086,
240.2333

■ 3.2808, 3.2852,
24.9809

■ 127.0111,
131.7025, 291.1875

■ 1.3039, 1.2824,
15.8439

■ 159.2281,
165.2840, 348.8808

■ 0.1861, 0.1275,
9.2606

196.4785,

■ 0.0000, 0.0000,

204.1376, 413.7317

4.8124

239.1278,
248.6477, 486.1587

■ 0.0000, 0.0000,
2.0808

■ 0.0000, 0.0000,
0.6043

■ 28.6408, 29.4215,
95.4362

■ 28.6408, 29.4215,
95.4362

■ 28.6366, 29.4128,
95.4354

■ 30.7213, 32.9808,
96.0142

■ 33.4573, 37.0816,
96.6616

■ 37.0120, 41.8130,
97.3875

■ 41.4852, 47.2306,
98.1974

■ 46.9608, 53.3820,
99.0962

■ 53.5125, 60.3094,
100.0880

■ 61.2068, 68.0509,
101.1767

■ 70.1041, 76.6418,
102.3660

■ 80.2606, 86.1146,
103.6591

Harmonies

Analogous

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



21.7151, 29.4215, 86.0516



28.6408, 29.4215, 95.4362



36.6858, 29.4215, 82.3904

Triad

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



28.6408, 29.4215, 95.4362



42.3128, 29.4215, 14.2427



16.8102, 29.4215, 16.2714

Complementary

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



28.6408, 29.4215, 95.4362



44.2529, 29.4466, 3.3534

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.



20.7477, 29.4215, 8.0066



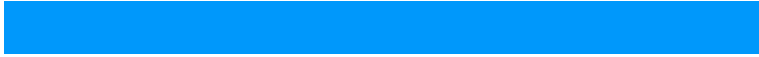
28.6408, 29.4215, 95.4362



35.3102, 29.4215, 7.2679

Square

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



28.6408, 29.4215, 95.4362



45.4293, 29.4215, 30.1510



27.2984, 29.4215, 5.6592



15.6705, 29.4215, 33.9959

Rectangle

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



28.6408, 29.4215, 95.4362



41.3897, 29.4215, 65.1245



27.2984, 29.4215, 5.6592



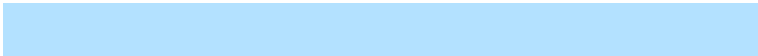
17.8099, 29.4215, 12.6270

Sweetspot

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



28.6420, 29.4224, 95.4370



63.4012, 70.4965, 104.8733



36.6217, 69.8447, 22.6806



12.8189, 14.3422, 22.3426



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.



28.6420, 29.4224, 95.4370



29.6708, 30.4616, 98.9236



17.8615, 7.8613, 91.8435



17.1575, 18.3919, 22.0310



15.1985, 15.7526, 50.2131



1.5110, 1.6656, 4.6850

Inverse Universe

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



45.4523, 22.7780, 31.7072



47.1057, 23.6063, 32.8181



65.8328, 72.6065, 10.5467



17.6861, 17.4018, 20.2025



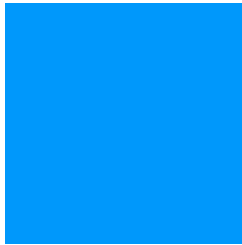
23.9635, 12.0011, 17.0483



2.2716, 1.1324, 1.8536

Previews

White Background



This preview shows how the XYZ color 28.6408, 29.4215, 95.4362 looks on a white background.

Color Contrast Check

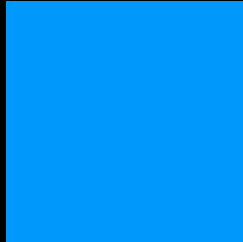
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6408, 29.4215, 95.4362 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

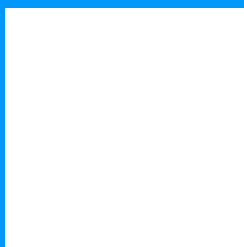
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6408, 29.4215, 95.4362

Background



This preview shows how black text looks on a background with the XYZ color 28.6408, 29.4215, 95.4362.

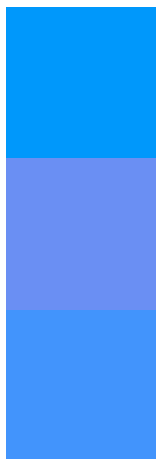


This preview shows how white text looks on a background with the XYZ color 28.6408, 29.4215,

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

28.6408, 29.4215, 95.4362

Protanopia

31.9440, 29.1802, 88.7427

Deuteranopia

30.4074, 29.3663, 96.1611



Tritanopia

20.7372, 29.2504, 44.5973

Trichromacy



Original Color

28.6408, 29.4215, 95.4362

Protanomaly

29.2282, 28.4049, 91.1310

Deuteranomaly

29.2730, 29.0154, 96.1531

Tritanomaly

23.0588, 29.0605, 60.2710

Monochromacy



Original Color

28.6408, 29.4215, 95.4362

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.7672, 20.2143, 39.0417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6408, 29.4215, 95.4362 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, 152, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 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(0, 152, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 251) }
```

Border

The CSS property to change the border of an element to XYZ 28.6408, 29.4215, 95.4362 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, 152, 251) }
```


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

```
.border{ border-color:rgb(0, 152, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6408, 29.4215, 95.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 251) }
```

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

```
.background{ background-color: rgb(0, 152,  
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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