

Converting Colors

XYZ(28.8206, 30.1045, 93.5351)

Have a look what the booklet for
XYZ(28.8206, 30.1045, 93.5351)
contains.

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Color

**XYZ(28.8515, 30.0523,
93.9026)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9AF9
RGB	15, 154, 249
RGB Percent	6%, 60%, 98%
CMY	0.9410, 0.3961, 0.0235
CMYK	0.94, 0.38, 0.00, 0.02
HSL	204°, 95%, 52%
HSV	204°, 94%, 98%
XYZ	28.8515, 30.0523, 93.9026
YIQ	123.2690, -113.3390, 0.0770

Conversions

Conversions Part 2

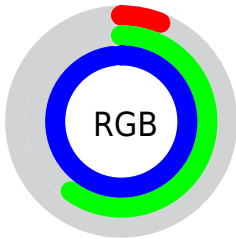
Format	Color
R _Y B	15, 102, 249
Decimal	1022713
CIE Lab	61.70, 1.12, -56.41
CIE LCh	62, 56.419, 271.138
Yxy	30.0523, 0.1888, 0.1967
Android (android.graphics.Color)	4279212793 (0xFF0F9AF9)
YUV	123.2690, 61.9854, -94.9519
Hunter-Lab	54.8200, -1.9912, -63.1854

Details

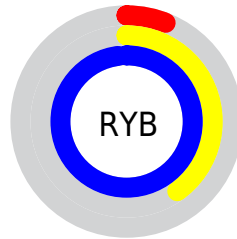
The XYZ color **28.8515, 30.0523, 93.9026** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **44.7359, 31.3386, 4.1452**, and the grayscale version is **18.7500, 19.7265, 21.4821**.

A 20% lighter version of the original color is **47.4159, 55.8425, 102.8873**, and **14.4647, 13.7064, 51.7524** is the 20% darker color. If you saturate the color by 10%, you get **27.6712, 27.9840, 93.5663**, and if you desaturate by 10%, it is **31.2680, 33.8811, 94.5149**.

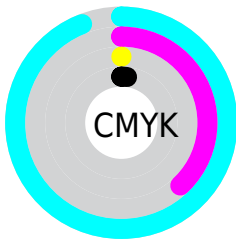
Distribution



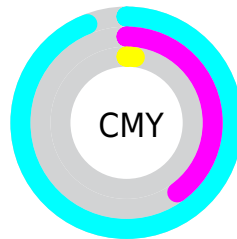
- Red (6%)
- Green (60%)
- Blue (98%)



- Red (6%)
- Yellow (40%)
- Blue (98%)



- Cyan (94%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)



- Cyan (94%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8515, 30.0523, 93.9026 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 28.8515, 30.0523, 93.9026 by changing the saturation by 10% instead.

■ 28.8515, 30.0523,
93.9026

■ 28.8515, 30.0523,
93.9026

288.5205,
302.1482, 561.5401

■ 19.1122, 19.8783,
70.6301

■ 57.2403, 59.7449,
154.7301

■ 11.8559, 12.3066,
51.5604

■ 76.6205, 80.0322,
193.1223

■ 6.7171, 6.9528,
36.2750

■ 99.9450, 104.4595,
237.3914

■ 3.3306, 3.4326,
24.3553

■ 127.5793,
133.4111, 287.9559

■ 1.3309, 1.3615,
15.3827

■ 159.8886,
167.2713, 345.2346

■ 0.2062, 0.1881,
8.9388

197.2383,

■ 0.0000, 0.0000,

206.4246, 409.6458

4.6050

239.9939,
251.2555, 481.6081

■ 0.0000, 0.0000,
1.9628

■ 0.0000, 0.0000,
0.5323

■ 28.8515, 30.0523,
93.9026

■ 28.8515, 30.0523,
93.9026

■ 27.6712, 27.9840,
93.5663

■ 31.2680, 33.8811,
94.5149

■ 34.4489, 38.3172,
95.2036

■ 38.5021, 43.4216,
95.9752

■ 43.5156, 49.2440,
96.8348

■ 49.5655, 55.8282,
97.7868

■ 56.7198, 63.2136,
98.8352

■ 65.0401, 71.4362,
99.9838

■ 74.5833, 80.5295,
101.2360

■ 85.4024, 90.5248,
102.5951

Harmonies

Analogous

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



22.1471, 30.0523, 83.9247



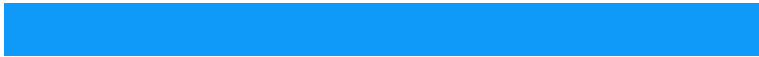
28.8515, 30.0523, 93.9026



36.6975, 30.0523, 82.3955

Triad

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



28.8515, 30.0523, 93.9026



42.7866, 30.0523, 15.6614



17.6949, 30.0523, 16.5479

Complementary

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



28.8515, 30.0523, 93.9026



44.7359, 31.3386, 4.1452

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.



21.7306, 30.0523, 8.5590



28.8515, 30.0523, 93.9026



36.1137, 30.0523, 8.2275

Square

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



28.8515, 30.0523, 93.9026



45.5637, 30.0523, 31.9075



28.2780, 30.0523, 6.3494



16.4256, 30.0523, 33.5499

Rectangle

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



28.8515, 30.0523, 93.9026



41.3430, 30.0523, 66.1199



28.2780, 30.0523, 6.3494



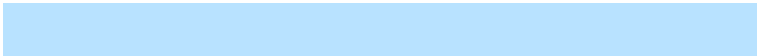
18.7334, 30.0523, 13.0327

Sweetspot

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



28.8527, 30.0532, 93.9034



64.9195, 71.7570, 105.0366



36.8145, 68.9502, 25.7334



13.0978, 14.5667, 22.3713



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.



28.8527, 30.0532, 93.9034



29.1892, 29.4983, 98.7631



18.0046, 8.3569, 90.2873



17.1402, 18.3572, 22.0252



14.9550, 15.2656, 50.1319



1.4892, 1.6220, 4.6778

Inverse Universe

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



45.0717, 22.8163, 32.6008



46.8625, 23.5090, 31.5379



66.2433, 74.3535, 11.3143



17.6773, 17.3983, 20.1564



23.8406, 11.9520, 16.4010



2.2606, 1.1280, 1.7956

Previews

White Background



This preview shows how the XYZ color 28.8515, 30.0523, 93.9026 looks on a white background.

Color Contrast Check

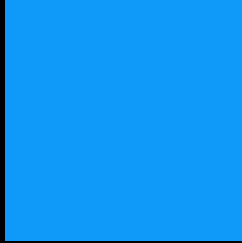
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8515, 30.0523, 93.9026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

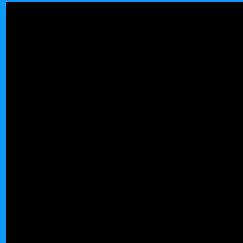
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

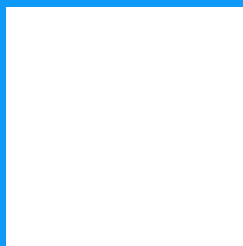
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8515, 30.0523, 93.9026

Background



This preview shows how black text looks on a background with the XYZ color 28.8515, 30.0523, 93.9026.



This preview shows how white text looks on a background with the XYZ color 28.8515, 30.0523,

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

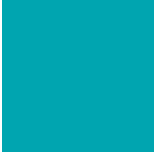
28.8515, 30.0523, 93.9026

Protanopia

32.2840, 29.8571, 86.4995

Deuteranopia

30.9044, 29.8929, 94.5835



Tritanopia

21.2916, 30.0449, 45.7513

Trichromacy



Original Color

28.8515, 30.0523, 93.9026

Protanomaly

29.6692, 29.1467, 88.8562

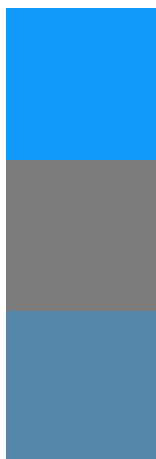
Deuteranomaly

29.7901, 29.7922, 94.6228

Tritanomaly

23.5869, 29.8338, 61.0152

Monochromacy



Original Color

28.8515, 30.0523, 93.9026

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.3427, 21.7996, 40.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8515, 30.0523, 93.9026 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(15, 154, 249)` looks like.

```
.text, #text, p{  
    color:rgb(15, 154, 249)  
}
```

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(15, 154, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 154, 249) }
```

Border

The CSS property to change the border of an element to XYZ 28.8515, 30.0523, 93.9026 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(15, 154, 249) }
```


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

```
.border{ border-color:rgb(15, 154, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 154, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 154, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 154, 249);  
box-shadow:4px 4px 4px 4px rgb(15, 154,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8515, 30.0523, 93.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 154, 249) }
```

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

```
.background{ background-color: rgb(15, 154,  
249) }
```

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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