

Converting Colors

XYZ(28.5986, 30.2490, 92.6105)

Have a look what the booklet for
XYZ(28.5986, 30.2490, 92.6105)
contains.

XYZ(28.5098, 30.1581, 92.3142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.5098, 30.1581,
92.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	009BF7
RGB	0, 155, 247
RGB Percent	0%, 61%, 97%
CMY	0.9997, 0.3922, 0.0314
CMYK	1.00, 0.37, 0.00, 0.03
HSL	202°, 100%, 48%
HSV	202°, 100%, 97%
XYZ	28.5098, 30.1581, 92.3142
YIQ	119.1430, -121.9120, -4.2480

Conversions

Conversions Part 2

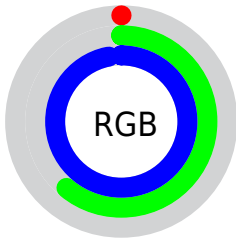
Format	Color
RYB	0, 95, 247
Decimal	39927
CIELab	61.79, -0.60, -55.17
CIELCh	62, 55.174, 269.373
Yxy	30.1581, 0.1888, 0.1997
Android (android.graphics.Color)	4278230007 (0xFF009BF7)
YUV	119.1430, 63.0335, -104.4884
Hunter-Lab	54.9164, -3.4356, -61.2247

Details

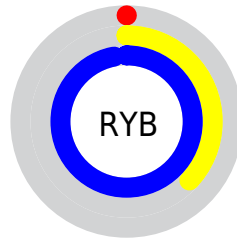
The XYZ color **28.5098, 30.1581, 92.3142** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **42.1912, 27.4399, 3.0746**, and the grayscale version is **17.4208, 18.3280, 19.9592**.

A 20% lighter version of the original color is **47.2809, 56.1359, 102.9511**, and **14.3458, 13.8209, 50.6268** is the 20% darker color. If you saturate the color by 10%, you get **28.5062, 30.1506, 92.3136**, and if you desaturate by 10%, it is **30.4957, 33.5431, 92.8636**.

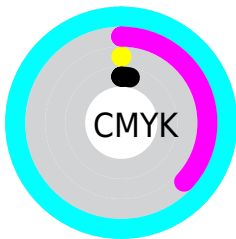
Distribution



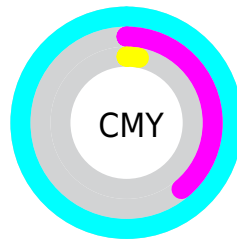
- Red (0%)
- Green (61%)
- Blue (97%)



- Red (0%)
- Yellow (37%)
- Blue (97%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (39%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5098, 30.1581, 92.3142 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 28.5098, 30.1581, 92.3142 by changing the saturation by 10% instead.

■ 28.5098, 30.1581,
92.3142

■ 28.5098, 30.1581,
92.3142

286.9311,
302.6407, 556.2936

■ 18.8527, 19.9586,
69.3171

■ 56.7003, 59.9121,
152.5123

■ 11.6673, 12.3650,
50.4967

■ 75.9645, 80.2354,
190.5503

■ 6.5881, 6.9927,
35.4343

■ 99.1617, 104.7022,
234.4392

■ 3.2499, 3.4576,
23.7114

■ 126.6573,
133.6967, 284.5973

■ 1.2873, 1.3750,
14.9094

■ 158.8167,
167.6034, 341.4433

■ 0.1737, 0.1982,
8.6099

196.0052,

■ 0.0000, 0.0000,

206.8067, 405.3956

4.3943

238.5882,
251.6910, 476.8729

■ 0.0000, 0.0000,
1.8441

■ 0.0000, 0.0000,
0.4568

■ 28.5098, 30.1581,
92.3142

■ 28.5098, 30.1581,
92.3142

■ 28.5062, 30.1506,
92.3136

■ 30.4957, 33.5431,
92.8636

■ 33.0994, 37.4232,
93.4753

■ 36.4782, 41.8835,
94.1581

■ 40.7276, 46.9768,
94.9173

■ 45.9278, 52.7477,
95.7571

■ 52.1493, 59.2358,
96.6815

■ 59.4553, 66.4771,
97.6942

■ 67.9036, 74.5045,
98.7983

■ 77.5479, 83.3487,
99.9971

Harmonies

Analogous

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



22.0430, 30.1581, 81.5097



28.5098, 30.1581, 92.3142



36.1802, 30.1581, 82.3254

Triad

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



28.5098, 30.1581, 92.3142



42.8482, 30.1581, 16.7008



18.1309, 30.1581, 16.2162

Complementary

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



28.5098, 30.1581, 92.3142



42.1912, 27.4399, 3.0746

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.



22.2689, 30.1581, 8.6691



28.5098, 30.1581, 92.3142



36.4943, 30.1581, 8.8529

Square

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



28.5098, 30.1581, 92.3142



45.2695, 30.1581, 33.2825



28.8195, 30.1581, 6.6978



16.7155, 30.1581, 32.3956

Rectangle

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



28.5098, 30.1581, 92.3142



40.8009, 30.1581, 66.9233



28.8195, 30.1581, 6.6978



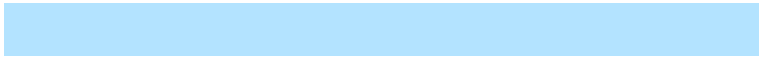
19.2103, 30.1581, 12.8869

Sweetspot

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



28.5110, 30.1590, 92.3150



63.8573, 71.4087, 105.0254



35.1333, 67.2711, 20.9420



12.9275, 14.5596, 22.3789



0.0000, 0.0000, 0.0000



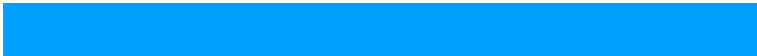
20.3446, 21.4041, 23.3091

Same Dimension

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



28.5110, 30.1590, 92.3150



30.6201, 32.3603, 99.2400



17.3330, 7.8030, 88.5890



16.4476, 17.6595, 21.0843



15.2166, 16.2269, 48.8681



1.4357, 1.6228, 4.3278

Inverse Universe

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



44.2753, 22.1423, 32.9513



47.5848, 23.7979, 35.3414



62.4243, 67.9061, 9.8189



16.9365, 16.6575, 19.4122



23.4851, 11.7375, 17.7949



2.1137, 1.0515, 1.8253

Previews

White Background



This preview shows how the XYZ color 28.5098, 30.1581, 92.3142 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 28.5098, 30.1581, 92.3142 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

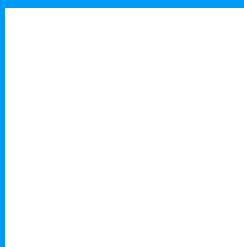
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5098, 30.1581, 92.3142

Background



This preview shows how black text looks on a background with the XYZ color 28.5098, 30.1581, 92.3142.

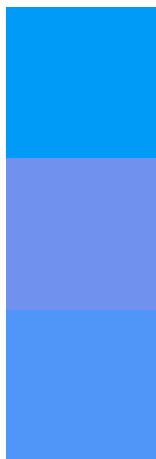


This preview shows how white text looks on a background with the XYZ color 28.5098, 30.1581,

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

28.5098, 30.1581, 92.3142

Protanopia

32.2401, 29.8686, 84.9549

Deuteranopia

30.9990, 29.9777, 92.9594



Tritanopia

21.3909, 30.0846, 46.2745

Trichromacy



Original Color

28.5098, 30.1581, 92.3142

Protanomaly

29.2232, 29.1854, 87.3122

Deuteranomaly

29.3751, 29.6143, 92.9748

Tritanomaly

23.4055, 29.7540, 60.3866

Monochromacy



Original Color

28.5098, 30.1581, 92.3142

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1147, 20.7922, 39.1349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5098, 30.1581, 92.3142 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, 155, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 247)  
}
```

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, 155, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 247) }
```

Border

The CSS property to change the border of an element to XYZ 28.5098, 30.1581, 92.3142 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, 155, 247) }
```


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

```
.border{ border-color:rgb(0, 155, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5098, 30.1581, 92.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 247) }
```

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

```
.background{ background-color: rgb(0, 155,  
247) }
```

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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