

Converting Colors

XYZ(28.1138, 28.2204, 94.4078)

Have a look what the booklet for
XYZ(28.1138, 28.2204, 94.4078)
contains.

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Color

**XYZ(28.1138, 28.2204,
94.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	1394FA
RGB	19, 148, 250
RGB Percent	7%, 58%, 98%
CMY	0.9253, 0.4196, 0.0196
CMYK	0.92, 0.41, 0.00, 0.02
HSL	206°, 96%, 53%
HSV	206°, 92%, 98%
XYZ	28.1138, 28.2204, 94.4078
YIQ	121.0570, -109.6260, 4.3740

Conversions

Conversions Part 2

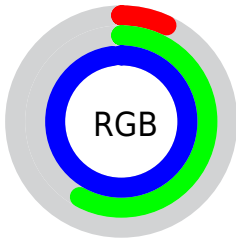
Format	Color
RYP	19, 102, 250
Decimal	1283322
CIELab	60.09, 5.18, -59.53
CIElCh	60, 59.752, 274.973
Yxy	28.2204, 0.1865, 0.1872
Android (android.graphics.Color)	4279473402 (0xFF1394FA)
YUV	121.0570, 63.5689, -89.5040
Hunter-Lab	53.1229, 1.5011, -68.1817

Details

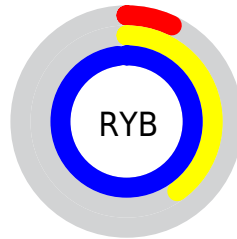
The XYZ color **28.1138, 28.2204, 94.4078** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **46.3857, 34.0575, 4.7472**, and the grayscale version is **18.0238, 18.9625, 20.6502**.

A 20% lighter version of the original color is **45.8761, 52.5707, 102.3370**, and **13.9933, 12.5856, 52.1438** is the 20% darker color. If you saturate the color by 10%, you get **26.5736, 25.5384, 93.9720**, and if you desaturate by 10%, it is **30.7016, 32.2495, 95.0498**.

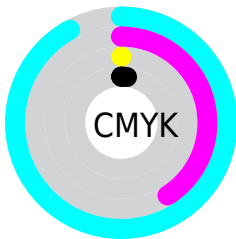
Distribution



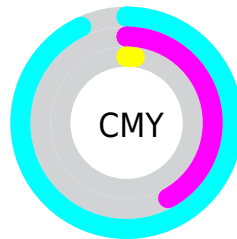
- Red (7%)
- Green (58%)
- Blue (98%)



- Red (7%)
- Yellow (40%)
- Blue (98%)



- Cyan (92%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)



- Cyan (93%)
- Magenta (42%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1138, 28.2204, 94.4078 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 28.1138, 28.2204, 94.4078 by changing the saturation by 10% instead.

■ 28.1138, 28.2204,
94.4078

■ 28.1138, 28.2204,
94.4078

285.0805,
293.5186, 563.2032

■ 18.5524, 18.4919,
71.0480

■ 56.0735, 56.8361,
155.4347

■ 11.4494, 11.3037,
51.8993

■ 75.2024, 76.4921,
193.9390

■ 6.4394, 6.2715,
36.5431

■ 98.2511, 100.2260,
238.3284

■ 3.1573, 3.0109,
24.5610

■ 125.5852,
128.4223, 289.0217

■ 1.2375, 1.1374,
15.5342

■ 157.5697,
161.4653, 346.4372

■ 0.1356, 0.0097,
9.0444

194.5703,

■ 0.0000, 0.0000,

199.7394, 410.9937

4.6729

236.9521,
243.6290, 483.1095

■ 0.0000, 0.0000,
2.0013

■ 0.0000, 0.0000,
0.5561

■ 28.1138, 28.2204,
94.4078

■ 28.1138, 28.2204,
94.4078

■ 26.5736, 25.5384,
93.9720

■ 30.7016, 32.2495,
95.0498

■ 34.1034, 36.9499,
95.7777

■ 38.4256, 42.3828,
96.5986

■ 43.7558, 48.5996,
97.5176

■ 50.1702, 55.6455,
98.5395

■ 57.7373, 63.5614,
99.6686

■ 66.5194, 72.3849,
100.9089

■ 76.5740, 82.1511,
102.2640

■ 87.9549, 92.8930,
103.7376

Harmonies

Analogous

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



21.0863, 28.2204, 86.6342



28.1138, 28.2204, 94.4078



36.1342, 28.2204, 79.5708

Triad

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



28.1138, 28.2204, 94.4078



40.7186, 28.2204, 12.3969



15.6108, 28.2204, 16.1677

Complementary

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



28.1138, 28.2204, 94.4078



46.3857, 34.0575, 4.7472

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.



19.2662, 28.2204, 7.5657



28.1138, 28.2204, 94.4078



33.5150, 28.2204, 6.2239

Square

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



28.1138, 28.2204, 94.4078



44.2395, 28.2204, 27.2291



25.5716, 28.2204, 5.0079



14.7078, 28.2204, 34.5128

Rectangle

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



28.1138, 28.2204, 94.4078



40.7083, 28.2204, 61.6751



25.5716, 28.2204, 5.0079



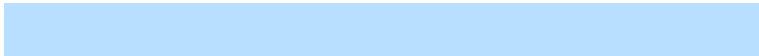
16.5193, 28.2204, 12.3795

Sweetspot

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



28.1150, 28.2212, 94.4086



64.2339, 70.3860, 104.8081



37.7928, 69.8456, 28.9825



12.9331, 14.2372, 22.3164



0.0000, 0.0000, 0.0000



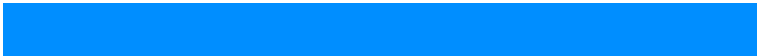
20.3446, 21.4041, 23.3091

Same Dimension

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



28.1150, 28.2212, 94.4086



27.7797, 26.6793, 98.2932



18.1097, 8.2107, 91.0735



17.0869, 18.2507, 22.0075



14.2412, 13.8380, 49.8940



1.4246, 1.4930, 4.6563

Inverse Universe

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



45.0037, 22.9296, 30.0713



46.1511, 23.2244, 27.7914



69.1376, 79.5614, 12.3312



17.6504, 17.3875, 20.0148



23.4803, 11.8079, 14.5038



2.2280, 1.1149, 1.6241

Previews

White Background



This preview shows how the XYZ color 28.1138, 28.2204, 94.4078 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 28.1138, 28.2204, 94.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

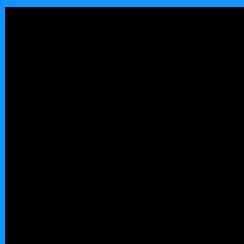
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

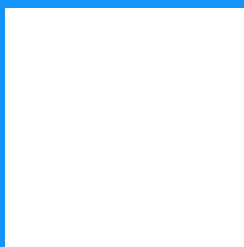
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1138, 28.2204, 94.4078

Background



This preview shows how black text looks on a background with the XYZ color 28.1138, 28.2204, 94.4078.

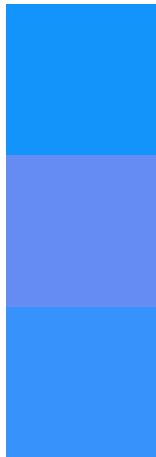


This preview shows how white text looks on a background with the XYZ color 28.1138, 28.2204,

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

28.1138, 28.2204, 94.4078

Protanopia

30.8113, 27.9366, 88.5624

Deuteranopia

29.3224, 28.3636, 95.1960



Tritanopia

19.9215, 28.0819, 42.8985

Trichromacy



Original Color

28.1138, 28.2204, 94.4078

Protanomaly

29.0555, 27.6383, 90.9921

Deuteranomaly

28.8426, 28.3461, 95.2180

Tritanomaly

22.4014, 27.9922, 58.8659

Monochromacy



Original Color

28.1138, 28.2204, 94.4078

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.8403, 20.9446, 40.0955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1138, 28.2204, 94.4078 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(19, 148, 250)` looks like.

```
.text, #text, p{  
    color:rgb(19, 148, 250)  
}
```

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(19, 148, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 148, 250) }
```

Border

The CSS property to change the border of an element to XYZ 28.1138, 28.2204, 94.4078 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(19, 148, 250) }
```


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

```
.border{ border-color:rgb(19, 148, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 148, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 148, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 148, 250);  
box-shadow:4px 4px 4px 4px rgb(19, 148,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1138, 28.2204, 94.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 148, 250) }
```

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

```
.background{ background-color: rgb(19, 148,  
250) }
```

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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