

Converting Colors

XYZ(28.7857, 28.6008, 98.6111)

Have a look what the booklet for
XYZ(28.7857, 28.6008, 98.6111)
contains.

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Color

**XYZ(28.8600, 28.7472,
98.6354)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 0595FF |
| RGB | 5, 149, 255 |
| RGB Percent | 2%, 58%, 100% |
| CMY | 0.9801, 0.4157, 0.0000 |
| CMYK | 0.98, 0.42, 0.00, 0.00 |
| HSL | 205°, 100%, 51% |
| HSV | 205°, 98%, 100% |
| XYZ | 28.8600, 28.7472, 98.6354 |
| YIQ | 118.0280, -119.8500, 2.4380 |

Conversions

Conversions Part 2

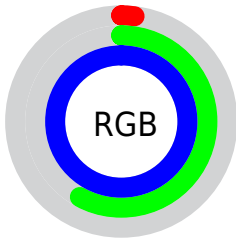
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 5, 96, 255 |
| Decimal | 366079 |
| CIE Lab | 60.56, 6.07, -61.52 |
| CIE LCh | 61, 61.821, 275.638 |
| Yxy | 28.7472, 0.1847, 0.1840 |
| Android (android.graphics.Color) | 4278556159 (0xFF0595FF) |
| YUV | 118.0280, 67.5272, -99.1256 |
| Hunter-Lab | 53.6164, 2.2521, -71.5413 |

Details

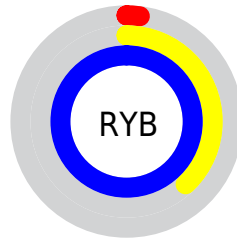
The XYZ color **28.8600, 28.7472, 98.6354** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **46.9598, 32.6552, 3.9736**, and the grayscale version is **17.0579, 17.9463, 19.5435**.

A 20% lighter version of the original color is **46.2160, 53.4426, 102.4874**, and **14.6549, 13.0009, 55.1631** is the 20% darker color. If you saturate the color by 10%, you get **28.4605, 28.0410, 98.5202**, and if you desaturate by 10%, it is **31.1412, 32.5826, 99.2555**.

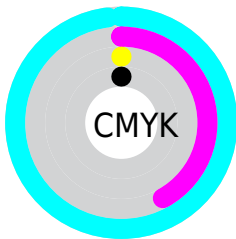
Distribution



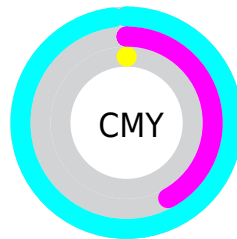
- Red (2%)
- Green (58%)
- Blue (100%)



- Red (2%)
- Yellow (38%)
- Blue (100%)



- Cyan (98%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8600, 28.7472, 98.6354 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 28.8600, 28.7472, 98.6354 by changing the saturation by 10% instead.

■ 28.8600, 28.7472,
98.6354

■ 28.8600, 28.7472,
98.6354

288.5600,
296.0203, 577.0180

■ 19.1187, 18.8897,
74.5509

■ 57.2537, 57.6752,
161.3161

■ 11.8606, 11.5906,
54.7455

■ 76.6368, 77.5144,
200.7494

■ 6.7203, 6.4655,
38.8008

■ 99.9645, 101.4497,
246.1360

■ 3.3326, 3.1302,
26.2981

■ 127.6022,
129.8654, 297.8945

■ 1.3320, 1.2001,
16.8191

■ 159.9152,
163.1459, 356.4434

■ 0.2070, 0.0618,
9.9450

197.2690,

■ 0.0000, 0.0000,

201.6756, 422.2013

5.2574

240.0288,
245.8390, 495.5866

■ 0.0000, 0.0000,
2.3377

■ 0.0000, 0.0000,
0.7522

■ 28.8600, 28.7472,
98.6354

■ 28.8600, 28.7472,
98.6354

■ 28.4605, 28.0410,
98.5202

■ 31.1412, 32.5826,
99.2555

■ 34.1782, 37.0494,
99.9576

■ 38.1072, 42.2241,
100.7493

■ 43.0289, 48.1642,
101.6365

■ 49.0291, 54.9194,
102.6241

■ 56.1834, 62.5342,
103.7169

■ 64.5602, 71.0489,
104.9189

■ 74.2221, 80.5009,
106.2340

■ 85.2273, 90.9251,
107.6661

Harmonies

Analogous

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



21.4658, 28.7472, 90.8880



28.8600, 28.7472, 98.6354



37.2832, 28.7472, 82.3743

Triad

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



28.8600, 28.7472, 98.6354



41.8002, 28.7472, 12.0324



15.5859, 28.7472, 16.4386

Complementary

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



28.8600, 28.7472, 98.6354



46.9598, 32.6552, 3.9736

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.



19.3169, 28.7472, 7.4370



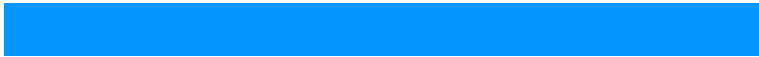
28.8600, 28.7472, 98.6354



34.1599, 28.7472, 5.8996

Square

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



28.8600, 28.7472, 98.6354



45.6315, 28.7472, 27.1758



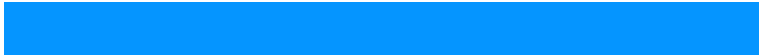
25.8422, 28.7472, 4.7640



14.7134, 28.7472, 35.8235

Rectangle

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



28.8600, 28.7472, 98.6354



42.0613, 28.7472, 63.2633



25.8422, 28.7472, 4.7640



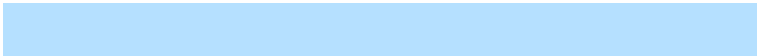
16.5062, 28.7472, 12.4617

Sweetspot

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



28.8611, 28.7480, 98.6355



63.6759, 70.1660, 104.7951



38.5950, 72.6613, 26.5176



12.8430, 14.2253, 22.3188



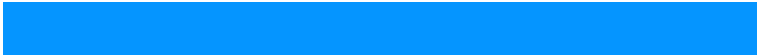
0.0000, 0.0000, 0.0000



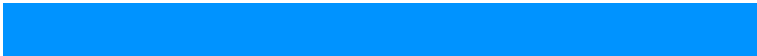
20.3446, 21.4041, 23.3091

Same Dimension

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



28.8611, 28.7480, 98.6355



28.4605, 28.0410, 98.5202



18.4806, 7.9870, 95.1754



17.8717, 19.1151, 22.9976



15.0223, 14.9543, 51.5293



1.5710, 1.6726, 5.0533

Inverse Universe

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



46.7199, 23.5400, 30.5155



46.4947, 23.3619, 29.6011



70.7398, 80.2151, 11.9003



18.4479, 18.1625, 20.9758



24.3708, 12.2376, 15.8689



2.4276, 1.2134, 1.8330

Previews

White Background



This preview shows how the XYZ color 28.8600, 28.7472, 98.6354 looks on a white background.

Color Contrast Check

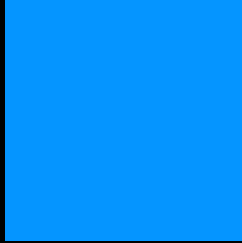
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8600, 28.7472, 98.6354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

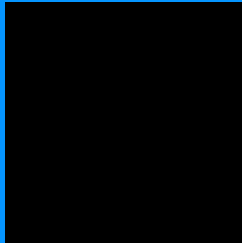
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

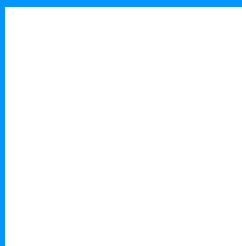
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8600, 28.7472, 98.6354

Background



This preview shows how black text looks on a background with the XYZ color 28.8600, 28.7472, 98.6354.



This preview shows how white text looks on a background with the XYZ color 28.8600, 28.7472,

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

28.8600, 28.7472, 98.6354

Protanopia

31.7619, 28.7760, 92.6872

Deuteranopia

29.7991, 28.7655, 98.5895



Tritanopia

20.1913, 28.4683, 43.4605

Trichromacy



Original Color

28.8600, 28.7472, 98.6354

Protanomaly

29.7180, 28.3396, 95.1706

Deuteranomaly

29.2996, 28.7399, 98.6108

Tritanomaly

22.7427, 28.3911, 60.1585

Monochromacy



Original Color

28.8600, 28.7472, 98.6354

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.9787, 20.1054, 39.9789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8600, 28.7472, 98.6354 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(5, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(5, 149, 255)  
}
```

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(5, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 149, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.8600, 28.7472, 98.6354 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(5, 149, 255) }
```


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

```
.border{ border-color:rgb(5, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(5, 149,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8600, 28.7472, 98.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 149, 255) }
```

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

```
.background{ background-color: rgb(5, 149,  
255) }
```

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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