

Converting Colors

XYZ(29.7708, 28.8246, 95.2614)

Have a look what the booklet for
XYZ(29.7708, 28.8246, 95.2614)
contains.

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Color

**XYZ(29.7708, 28.8246,
95.2614)**

Conversions

Conversions Part 1

Format	Color
Hex	3D93FB
RGB	61, 147, 251
RGB Percent	24%, 58%, 98%
CMY	0.7607, 0.4235, 0.0157
CMYK	0.76, 0.41, 0.00, 0.02
HSL	213°, 96%, 61%
HSV	213°, 76%, 98%
XYZ	29.7708, 28.8246, 95.2614
YIQ	133.1420, -84.6400, 14.1120

Conversions

Conversions Part 2

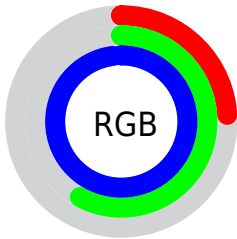
Format	Color
R _Y B	61, 120, 251
Decimal	4035579
CIE Lab	60.63, 9.28, -59.17
CIE LCh	61, 59.894, 278.910
Yxy	28.8246, 0.1935, 0.1873
Android (android.graphics.Color)	4282225659 (0xFF3D93FB)
YUV	133.1420, 58.1040, -63.2685
Hunter-Lab	53.6885, 5.0250, -67.6183

Details

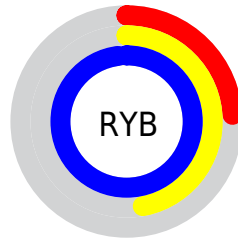
The XYZ color **29.7708, 28.8246, 95.2614** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **54.0844, 47.7620, 10.7854**, and the grayscale version is **22.1652, 23.3195, 25.3949**.

A 20% lighter version of the original color is **48.2200, 53.4341, 102.3801**, and **14.0123, 12.4444, 52.7024** is the 20% darker color. If you saturate the color by 10%, you get **26.5606, 24.1853, 94.5358**, and if you desaturate by 10%, it is **33.9608, 34.3484, 96.1074**.

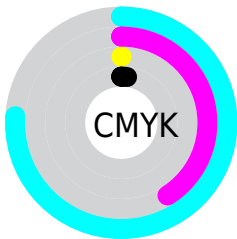
Distribution



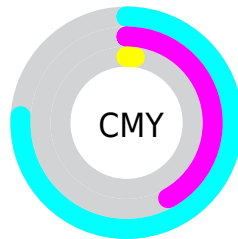
- Red (24%)
- Green (58%)
- Blue (98%)



- Red (24%)
- Yellow (47%)
- Blue (98%)



- Cyan (76%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)



- Cyan (76%)
- Magenta (42%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7708, 28.8246, 95.2614 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 29.7708, 28.8246, 95.2614 by changing the saturation by 10% instead.

■ 29.7708, 28.8246,
95.2614

■ 29.7708, 28.8246,
95.2614

292.7637,
296.3865, 566.0072

■ 19.8119, 18.9482,
71.7545

■ 58.6886, 57.7983,
156.6244

■ 12.3658, 11.6328,
52.4725

■ 78.3783, 77.6643,
195.3175

■ 7.0673, 6.4942,
36.9970

■ 102.0422,
101.6291, 239.9098

■ 3.5509, 3.1478,
24.9094

■ 130.0458,
130.0769, 290.8197

■ 1.4514, 1.2094,
15.7912

162.7544,
163.3921, 348.4659

■ 0.2924, 0.0694,
9.2237

200.5333,

■ 0.0000, 0.0000,

201.9592, 413.2668

4.7886

243.7480,
246.1625, 485.6411

■ 0.0000, 0.0000,
2.0672

■ 0.0000, 0.0000,
0.5961

■ 29.7708, 28.8246,
95.2614

■ 29.7708, 28.8246,
95.2614

■ 26.5606, 24.1853,
94.5358

■ 33.9608, 34.3484,
96.1074

■ 24.2073, 20.3531,
93.9201

■ 39.2245, 40.8169,
97.0785

■ 23.3851, 18.9099,
93.6849

■ 45.6478, 48.2867,
98.1818

■ 53.3059, 56.8082,
99.4230

■ 62.2672, 66.4275,
100.8074

■ 72.5948, 77.1880,
102.3401

■ 84.3476, 89.1302,
104.0257

■ 94.4127, 99.7451,
105.5441

Harmonies

Analogous

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



22.3762, 28.8246, 90.4314



29.7708, 28.8246, 95.2614



37.8651, 28.8246, 77.6943

Triad

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



29.7708, 28.8246, 95.2614



40.7079, 28.8246, 11.4843



15.7110, 28.8246, 18.3950

Complementary

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



29.7708, 28.8246, 95.2614



54.0844, 47.7620, 10.7854

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.



19.0613, 28.8246, 8.5097



29.7708, 28.8246, 95.2614



33.1176, 28.8246, 6.0297

Square

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



29.7708, 28.8246, 95.2614



44.9168, 28.8246, 25.2272



25.1527, 28.8246, 5.2824



15.1528, 28.8246, 38.4714

Rectangle

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



29.7708, 28.8246, 95.2614



42.2450, 28.8246, 58.9895



25.1527, 28.8246, 5.2824



16.5129, 28.8246, 14.1007

Sweetspot

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



29.7720, 28.8255, 95.2622



67.2656, 71.7218, 104.9062



42.9747, 72.6082, 46.0912



13.6152, 14.5266, 22.3363



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.



29.7720, 28.8255, 95.2622



26.1180, 22.8332, 97.6384



21.4209, 11.5098, 92.3600



16.9300, 17.9369, 21.9552



12.4332, 10.2220, 49.2913



1.2558, 1.1554, 4.6000

Inverse Universe

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



46.7200, 25.9551, 30.1517



45.4400, 23.4286, 22.5404



72.8806, 88.6847, 17.6936



17.5712, 17.3558, 19.5978



22.5677, 11.4428, 9.6980



2.1428, 1.0809, 1.1755

Previews

White Background



This preview shows how the XYZ color 29.7708, 28.8246, 95.2614 looks on a white background.

Color Contrast Check

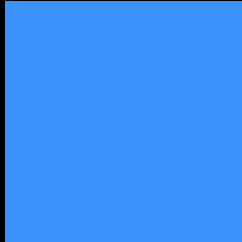
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7708, 28.8246, 95.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

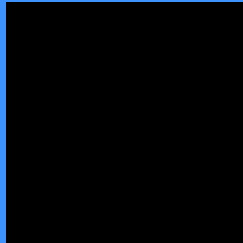
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

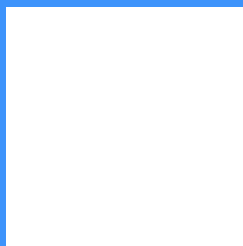
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7708, 28.8246, 95.2614

Background



This preview shows how black text looks on a background with the XYZ color 29.7708, 28.8246, 95.2614.



This preview shows how white text looks on a background with the XYZ color 29.7708, 28.8246,

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

29.7708, 28.8246, 95.2614

Protanopia

31.6744, 28.7665, 91.0719

Deuteranopia

29.8329, 28.8566, 95.2643



Tritanopia

20.3849, 28.5457, 44.4799

Trichromacy



Original Color

29.7708, 28.8246, 95.2614

Protanomaly

30.7543, 28.7023, 92.7261

Deuteranomaly

29.8329, 28.8566, 95.2643

Tritanomaly

22.8800, 28.2118, 60.1166

Monochromacy



Original Color

29.7708, 28.8246, 95.2614

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9884, 24.4373, 44.5796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7708, 28.8246, 95.2614 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(61, 147, 251)` looks like.

```
.text, #text, p{  
    color:rgb(61, 147, 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(61, 147, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 147, 251) }
```

Border

The CSS property to change the border of an element to XYZ 29.7708, 28.8246, 95.2614 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(61, 147, 251) }
```


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

```
.border{ border-color:rgb(61, 147, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 147, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 147, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 147, 251);  
box-shadow:4px 4px 4px 4px rgb(61, 147,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7708, 28.8246, 95.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 147, 251) }
```

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

```
.background{ background-color: rgb(61, 147,  
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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