

Converting Colors

XYZ(32.8301, 31.9935, 99.0528)

Have a look what the booklet for
XYZ(32.8301, 31.9935, 99.0528)
contains.

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Color

**XYZ(32.8301, 31.9935,
99.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9AFF
RGB	79, 154, 255
RGB Percent	31%, 60%, 100%
CMY	0.6902, 0.3961, 0.0000
CMYK	0.69, 0.40, 0.00, 0.00
HSL	214°, 100%, 65%
HSV	214°, 69%, 100%
XYZ	32.8301, 31.9935, 99.0528
YIQ	143.0890, -77.1210, 15.5110

Conversions

Conversions Part 2

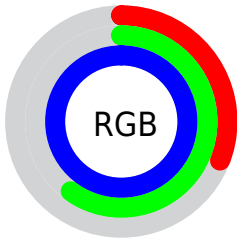
Format	Color
RYB	79, 132, 255
Decimal	5217023
CIELab	63.34, 8.85, -57.00
CIElCh	63, 57.684, 278.821
Yxy	31.9935, 0.2003, 0.1952
Android (android.graphics.Color)	4283407103 (0xFF4F9AFF)
YUV	143.0890, 55.1721, -56.2061
Hunter-Lab	56.5628, 4.6198, -64.2347

Details

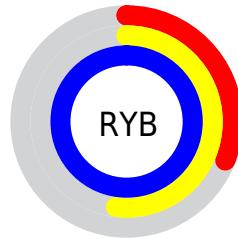
The XYZ color **32.8301, 31.9935, 99.0528** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **58.9750, 54.4713, 14.8050**, and the grayscale version is **25.9545, 27.3061, 29.7364**.

A 20% lighter version of the original color is **52.2829, 58.3515, 103.1151**, and **15.1434, 13.9778, 55.3259** is the 20% darker color. If you saturate the color by 10%, you get **28.8311, 26.5626, 98.2153**, and if you desaturate by 10%, it is **37.9388, 38.4344, 100.0267**.

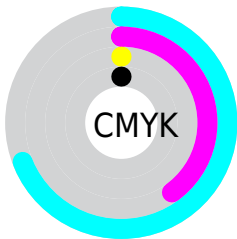
Distribution



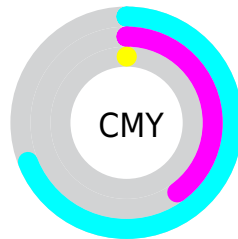
- Red (31%)
- Green (60%)
- Blue (100%)



- Red (31%)
- Yellow (52%)
- Blue (100%)



- Cyan (69%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8301, 31.9935, 99.0528 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 32.8301, 31.9935, 99.0528 by changing the saturation by 10% instead.

■ 32.8301, 31.9935,
99.0528

■ 32.8301, 31.9935,
99.0528

306.5620,
311.0896, 578.3723

■ 22.1549, 21.3565,
74.8973

■ 63.4666, 62.8009,
161.8954

■ 14.0880, 13.3849,
55.0275

■ 84.1587, 83.7401,
201.4196

■ 8.2640, 7.6941,
39.0250

■ 108.9205,
108.8822, 246.9037

■ 4.3176, 3.8998,
26.4712

■ 138.1173,
138.6116, 298.7662

■ 1.8833, 1.6177,
16.9476

172.1145,
173.3126, 357.4259

■ 0.5671, 0.3695,
10.0355

211.2774,

■ 0.0000, 0.0000,

213.3697, 423.3010

5.3166

255.9715,
259.1673, 496.8103

■ 0.0000, 0.0000,
2.3722

■ 0.0000, 0.0000,
0.7713

■ 32.8301, 31.9935,
99.0528

■ 32.8301, 31.9935,
99.0528

■ 28.8311, 26.5626,
98.2153

■ 37.9388, 38.4344,
100.0267

■ 25.8291, 22.0667,
97.5057

■ 44.2469, 45.9452,
101.1440

■ 23.6680, 18.4094,
96.9137

■ 51.8382, 54.5837,
102.4113

■ 23.4821, 18.0843,
96.8607

■ 60.7871, 64.4019,
103.8347

■ 71.1623, 75.4479,
105.4200

■ 83.0272, 87.7673,
107.1725

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



25.1813, 31.9935, 94.2057



32.8301, 31.9935, 99.0528



41.1115, 31.9935, 81.6876

Triad

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



32.8301, 31.9935, 99.0528



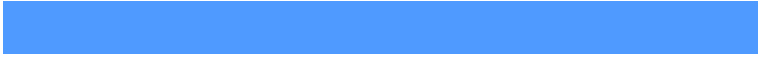
44.0425, 31.9935, 13.8682



18.1987, 31.9935, 21.2161

Complementary

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



32.8301, 31.9935, 99.0528



58.9750, 54.4713, 14.8050

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.



21.7464, 31.9935, 10.5454



32.8301, 31.9935, 99.0528



36.3141, 31.9935, 7.7826

Square

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



32.8301, 31.9935, 99.0528



48.2904, 31.9935, 28.5051



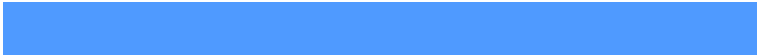
28.1097, 31.9935, 6.9131



17.5966, 31.9935, 42.0398

Rectangle

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



32.8301, 31.9935, 99.0528



45.5655, 31.9935, 62.9951



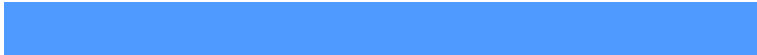
28.1097, 31.9935, 6.9131



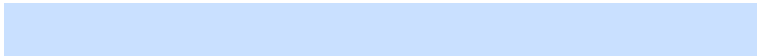
19.0521, 31.9935, 16.6382

Sweetspot

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



32.8313, 31.9945, 99.0529



68.9863, 73.1555, 105.0922



47.0957, 76.4269, 54.7789



14.1387, 14.9934, 22.3988



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.



32.8313, 31.9945, 99.0529



27.5220, 24.6633, 97.9177



25.1360, 15.0248, 96.1830



17.6393, 18.6503, 22.9201



12.4107, 9.7310, 50.6587



1.3140, 1.1587, 4.9677

Inverse Universe

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



49.8697, 29.1868, 33.5777



46.3874, 24.7216, 24.7116



74.2262, 91.1870, 21.0881



18.3306, 18.1156, 20.3581



23.0526, 11.7103, 8.9272



2.2979, 1.1615, 1.1500

Previews

White Background



This preview shows how the XYZ color 32.8301, 31.9935, 99.0528 looks on a white background.

Color Contrast Check

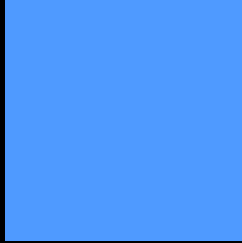
Large Text (above 18pt) WCAG AA × Fail

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 32.8301, 31.9935, 99.0528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

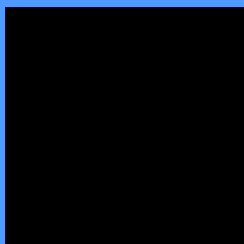
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

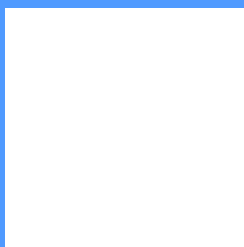
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8301, 31.9935, 99.0528

Background



This preview shows how black text looks on a background with the XYZ color 32.8301, 31.9935, 99.0528.



This preview shows how white text looks on a background with the XYZ color 32.8301, 31.9935,

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

32.8301, 31.9935, 99.0528

Protanopia

34.5583, 31.7765, 94.7545

Deuteranopia

33.0853, 32.1250, 99.0647



Tritanopia

22.8354, 31.8465, 49.7432

Trichromacy



Original Color

32.8301, 31.9935, 99.0528

Protanomaly

33.7829, 31.8141, 96.4557

Deuteranomaly

32.9989, 32.0805, 99.0607

Tritanomaly

25.4438, 31.4944, 65.0596

Monochromacy



Original Color

32.8301, 31.9935, 99.0528

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8312, 28.3212, 49.3998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8301, 31.9935, 99.0528 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(79, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 154, 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(79, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 154, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.8301, 31.9935, 99.0528 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(79, 154, 255) }
```


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

```
.border{ border-color:rgb(79, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 154,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8301, 31.9935, 99.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 154, 255) }
```

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

```
.background{ background-color: rgb(79, 154,  
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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