

Converting Colors

XYZ(31.9632, 31.1524, 94.7709)

Have a look what the booklet for
XYZ(31.9632, 31.1524, 94.7709)
contains.

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Color

**XYZ(31.9632, 31.1524,
94.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	5298FA
RGB	82, 152, 250
RGB Percent	32%, 60%, 98%
CMY	0.6784, 0.4039, 0.0196
CMYK	0.67, 0.39, 0.00, 0.02
HSL	215°, 94%, 65%
HSV	215°, 67%, 98%
XYZ	31.9632, 31.1524, 94.7709
YIQ	142.2420, -73.1780, 15.6380

Conversions

Conversions Part 2

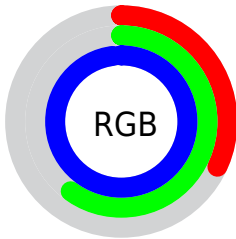
Format	Color
R_{YB}	82, 131, 250
Decimal	5413114
CIE _{Lab}	62.64, 8.75, -55.38
CIE _{LCh}	63, 56.065, 278.982
Yxy	31.1524, 0.2024, 0.1973
Android (android.graphics.Color)	4283603194 (0xFF5298FA)
YUV	142.2420, 53.1247, -52.8322
Hunter-Lab	55.8143, 4.5465, -61.6024

Details

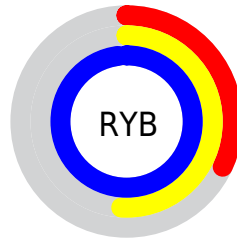
The XYZ color **31.9632, 31.1524, 94.7709** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **57.2712, 53.5798, 15.3080**, and the grayscale version is **25.6254, 26.9600, 29.3594**.

A 20% lighter version of the original color is **52.1539, 57.5657, 102.9702**, and **14.3770, 13.3530, 52.2717** is the 20% darker color. If you saturate the color by 10%, you get **27.9485, 25.7825, 93.9467**, and if you desaturate by 10%, it is **37.0630, 37.5144, 95.7308**.

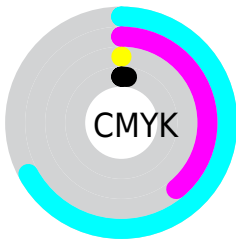
Distribution



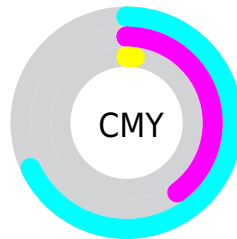
- Red (32%)
- Green (60%)
- Blue (98%)



- Red (32%)
- Yellow (51%)
- Blue (98%)



- Cyan (67%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)



- Cyan (68%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9632, 31.1524, 94.7709 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 31.9632, 31.1524, 94.7709 by changing the saturation by 10% instead.

■ 31.9632, 31.1524,
94.7709

■ 31.9632, 31.1524,
94.7709

302.6999,
307.2398, 564.3969

■ 21.4888, 20.7149,
71.3485

■ 62.1190, 61.4799,
155.9409

■ 13.5963, 12.9158,
52.1430

■ 82.5311, 82.1388,
194.5256

■ 7.9202, 7.3706,
36.7361

■ 106.9864,
106.9735, 239.0014

■ 4.0953, 3.6949,
24.7090

■ 135.8504,
136.3686, 289.7869

■ 1.7562, 1.5044,
15.6434

169.4884,
170.7084, 347.3007

■ 0.4911, 0.2918,
9.1205

208.2657,

■ 0.0000, 0.0000,

210.3772, 411.9613

4.7220

252.5478,
255.7596, 484.1871

■ 0.0000, 0.0000,
2.0292

■ 0.0000, 0.0000,
0.5732

■ 31.9632, 31.1524,
94.7709

■ 31.9632, 31.1524,
94.7709

■ 27.9485, 25.7825,
93.9467

■ 37.0630, 37.5144,
95.7308

■ 24.9137, 21.3340,
93.2480

■ 43.3311, 44.9253,
96.8309

■ 22.7321, 17.7252,
92.6664

■ 50.8465, 53.4401,
98.0783

■ 22.2219, 16.8351,
92.5215

■ 59.6794, 63.1087,
99.4790

■ 69.8946, 73.9773,
101.0384

■ 81.5524, 86.0894,
102.7619

■ 93.9658, 99.1030,
104.6195

■ 94.2555, 99.6822,
104.7160

Harmonies

Analogous

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



24.6462, 31.1524, 90.3129



31.9632, 31.1524, 94.7709



39.8476, 31.1524, 78.2707

Triad

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



31.9632, 31.1524, 94.7709



42.5623, 31.1524, 13.7374



17.9027, 31.1524, 20.9553

Complementary

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



31.9632, 31.1524, 94.7709



57.2712, 53.5798, 15.3080

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.



21.2948, 31.1524, 10.5976



31.9632, 31.1524, 94.7709



35.1979, 31.1524, 7.8512

Square

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



31.9632, 31.1524, 94.7709



46.6224, 31.1524, 27.7648



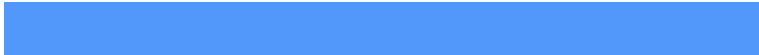
27.3741, 31.1524, 7.0215



17.3386, 31.1524, 40.9229

Rectangle

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



31.9632, 31.1524, 94.7709



44.0707, 31.1524, 60.5519



27.3741, 31.1524, 7.0215



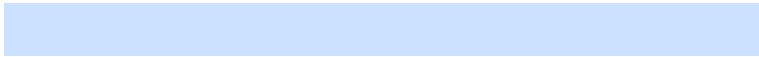
18.7181, 31.1524, 16.5284

Sweetspot

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



31.9645, 31.1534, 94.7717



69.9443, 74.0423, 105.2129



45.9051, 73.4615, 54.9425



14.3207, 15.1576, 22.4209



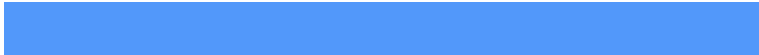
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.9645, 31.1534, 94.7717



27.8856, 25.0500, 97.9731



25.0983, 15.4256, 92.0978



16.8772, 17.8312, 21.9375



11.9214, 9.1984, 49.1207



1.2061, 1.0558, 4.5834

Inverse Universe

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



48.1103, 28.6273, 32.6963



46.6540, 25.1463, 25.1348



70.3019, 86.8143, 21.0361



17.5445, 17.3452, 19.4573



22.3094, 11.3395, 8.3377



2.1177, 1.0708, 1.0432

Previews

White Background



This preview shows how the XYZ color 31.9632, 31.1524, 94.7709 looks on a white background.

Color Contrast Check

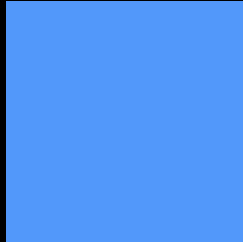
Large Text (above 18pt) WCAG AA × Fail

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 31.9632, 31.1524, 94.7709 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

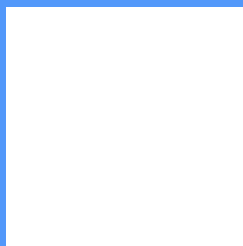
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9632, 31.1524, 94.7709

Background



This preview shows how black text looks on a background with the XYZ color 31.9632, 31.1524, 94.7709.



This preview shows how white text looks on a background with the XYZ color 31.9632, 31.1524,

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

31.9632, 31.1524, 94.7709

Protanopia

33.6238, 30.9008, 91.3811

Deuteranopia

32.2299, 31.2899, 94.7833



Tritanopia

22.6841, 31.2561, 48.0175

Trichromacy



Original Color

31.9632, 31.1524, 94.7709

Protanomaly

32.7915, 30.9196, 92.2355

Deuteranomaly

32.1397, 31.2434, 94.7791

Tritanomaly

25.3050, 30.9522, 62.3983

Monochromacy



Original Color

31.9632, 31.1524, 94.7709

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3651, 27.8870, 47.7092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9632, 31.1524, 94.7709 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(82, 152, 250)` looks like.

```
.text, #text, p{  
    color:rgb(82, 152, 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(82, 152, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 152, 250) }
```

Border

The CSS property to change the border of an element to XYZ 31.9632, 31.1524, 94.7709 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(82, 152, 250) }
```


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

```
.border{ border-color:rgb(82, 152, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 152, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 152, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 152, 250);  
box-shadow:4px 4px 4px 4px rgb(82, 152,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9632, 31.1524, 94.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 152, 250) }
```

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

```
.background{ background-color: rgb(82, 152,  
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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