

Converting Colors

XYZ(37.0536, 32.1395, 94.6931)

Have a look what the booklet for
XYZ(37.0536, 32.1395, 94.6931)
contains.

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Color

**XYZ(37.0536, 32.1395,
94.6931)**

Conversions

Conversions Part 1

Format	Color
Hex	8591FA
RGB	133, 145, 250
RGB Percent	52%, 57%, 98%
CMY	0.4784, 0.4314, 0.0196
CMYK	0.47, 0.42, 0.00, 0.02
HSL	234°, 92%, 75%
HSV	234°, 47%, 98%
XYZ	37.0536, 32.1395, 94.6931
YIQ	153.3820, -40.8570, 30.1110

Conversions

Conversions Part 2

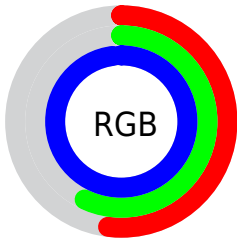
Format	Color
RYB	133, 144, 250
Decimal	8753658
CIELab	63.46, 22.77, -53.91
CIELCh	63, 58.518, 292.896
Yxy	32.1395, 0.2261, 0.1961
Android (android.graphics.Color)	4286943738 (0xFF8591FA)
YUV	153.3820, 47.6327, -17.8750
Hunter-Lab	56.6917, 17.4568, -59.3489

Details

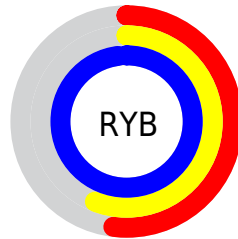
The XYZ color **37.0536, 32.1395, 94.6931** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **74.2343, 83.1691, 34.3329**, and the grayscale version is **30.2574, 31.8331, 34.6663**.

A 20% lighter version of the original color is **59.9593, 59.1432, 102.8633**, and **16.5419, 13.4905, 52.1842** is the 20% darker color. If you saturate the color by 10%, you get **30.4696, 24.1490, 93.4984**, and if you desaturate by 10%, it is **45.2563, 41.9703, 96.1590**.

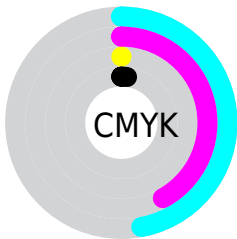
Distribution



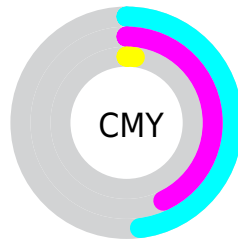
- Red (52%)
- Green (57%)
- Blue (98%)



- Red (52%)
- Yellow (56%)
- Blue (98%)



- Cyan (47%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (48%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0536, 32.1395, 94.6931 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 37.0536, 32.1395, 94.6931 by changing the saturation by 10% instead.

■ 37.0536, 32.1395,
94.6931

■ 37.0536, 32.1395,
94.6931

324.8940,
311.7542, 564.1412

■ 25.4229, 21.4681,
71.2841

■ 69.9685, 63.0297,
155.8325

■ 16.5228, 13.4666,
52.0908

■ 91.9834, 84.0173,
194.3999

■ 9.9880, 7.7506,
36.6947

■ 118.1904,
109.2124, 238.8573

■ 5.4532, 3.9358,
24.6773

148.9548,
138.9994, 289.6230

■ 2.5530, 1.6377,
15.6200

184.6420,
173.7627, 347.1158

■ 0.9221, 0.3828,
9.1042

225.6174,

■ 0.0000, 0.0000,

213.8866, 411.7540

4.7115

272.2463,
259.7557, 483.9563

■ 0.0000, 0.0000,
2.0232

■ 0.0000, 0.0000,
0.5695

■ 37.0536, 32.1395,
94.6931

■ 37.0536, 32.1395,
94.6931

■ 30.4696, 24.1490,
93.4984

■ 45.2563, 41.9703,
96.1590

■ 25.3927, 17.8805,
92.5561

■ 55.1716, 53.7430,
97.9087

■ 21.7033, 13.2071,
91.8485

■ 66.8909, 67.5559,
99.9572

■ 19.2612, 9.9824,
91.3548

■ 80.4979, 83.4994,
102.3174

■ 17.8945, 8.0316,
91.0502

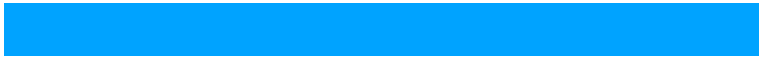
■ 94.2554, 99.6822,
104.7159

■ 17.6168, 7.6249,
90.9864

Harmonies

Analogous

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



28.6518, 32.1395, 101.0215



37.0536, 32.1395, 94.6931



44.8148, 32.1395, 69.6169

Triad

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



37.0536, 32.1395, 94.6931



41.0007, 32.1395, 10.0300



17.4952, 32.1395, 29.7365

Complementary

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



37.0536, 32.1395, 94.6931



74.2343, 83.1691, 34.3329

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.



19.6840, 32.1395, 14.3141



37.0536, 32.1395, 94.6931



32.5252, 32.1395, 6.6919

Square

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



37.0536, 32.1395, 94.6931



47.3617, 32.1395, 20.2862



24.8516, 32.1395, 7.8072



18.2744, 32.1395, 55.5017

Rectangle

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



37.0536, 32.1395, 94.6931



48.0903, 32.1395, 49.9095



24.8516, 32.1395, 7.8072



17.8929, 32.1395, 23.3932

Sweetspot

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



37.0549, 32.1406, 94.6939



73.7309, 75.0810, 105.2138



59.0510, 79.4353, 91.8450



15.1541, 15.3340, 22.4110



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.



37.0549, 32.1406, 94.6939



32.3267, 25.8161, 97.8869



43.9702, 33.1263, 94.5197



16.4262, 16.9293, 21.7872



9.3916, 4.1388, 48.2774



0.9158, 0.4753, 4.4867

Inverse Universe

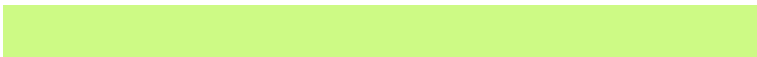
The Inverse Universe completely reimagines the original color for something new.



52.9239, 39.1450, 31.5553



50.8768, 34.4207, 23.9874



63.6388, 83.0662, 34.8715



17.3169, 17.2541, 18.2587



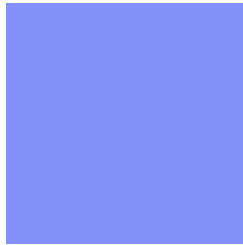
21.0325, 10.8287, 1.6135



1.9712, 1.0122, 0.2717

Previews

White Background



This preview shows how the XYZ color 37.0536, 32.1395, 94.6931 looks on a white background.

Color Contrast Check

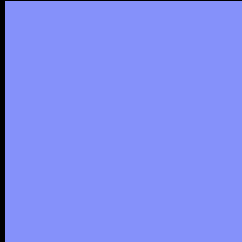
Large Text (above 18pt) WCAG AA × Fail

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 37.0536, 32.1395, 94.6931 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 37.0536, 32.1395, 94.6931

Background



This preview shows how black text looks on a background with the XYZ color 37.0536, 32.1395, 94.6931.



This preview shows how white text looks on a background with the XYZ color 37.0536, 32.1395,

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

37.0536, 32.1395, 94.6931

Protanopia

35.2261, 32.2834, 98.1406

Deuteranopia

33.3227, 32.3753, 93.2997



Tritanopia

26.9404, 31.9252, 44.7867

Trichromacy



Original Color

37.0536, 32.1395, 94.6931

Protanomaly

35.7907, 32.1232, 97.2425

Deuteranomaly

34.4722, 32.2240, 94.0255

Tritanomaly

29.9898, 31.6289, 60.4015

Monochromacy



Original Color

37.0536, 32.1395, 94.6931

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.8375, 31.5545, 51.9896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0536, 32.1395, 94.6931 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(133, 145, 250)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 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(133, 145, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 250) }
```

Border

The CSS property to change the border of an element to XYZ 37.0536, 32.1395, 94.6931 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(133, 145, 250) }
```


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

```
.border{ border-color:rgb(133, 145, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 250);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0536, 32.1395, 94.6931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 250) }
```

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

```
.background{ background-color: rgb(133,  
145, 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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