

Converting Colors

XYZ(32.7043, 31.2904, 95.2180)

Have a look what the booklet for
XYZ(32.7043, 31.2904, 95.2180)
contains.

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Color

**XYZ(32.7936, 31.3224,
95.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	5B97FB
RGB	91, 151, 251
RGB Percent	36%, 59%, 98%
CMY	0.6431, 0.4078, 0.0157
CMYK	0.64, 0.40, 0.00, 0.02
HSL	218°, 95%, 67%
HSV	218°, 64%, 98%
XYZ	32.7936, 31.3224, 95.5842
YIQ	144.4600, -67.8600, 18.3800

Conversions

Conversions Part 2

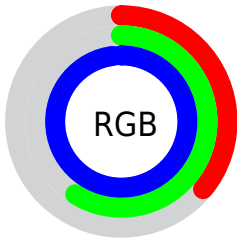
Format	Color
R _Y B	91, 135, 251
Decimal	6002683
CIE Lab	62.78, 11.12, -55.68
CIE LCh	63, 56.776, 281.298
Yxy	31.3224, 0.2053, 0.1961
Android (android.graphics.Color)	4284192763 (0xFF5B97FB)
YUV	144.4600, 52.5242, -46.8844
Hunter-Lab	55.9664, 6.6511, -62.0840

Details

The XYZ color **32.7936, 31.3224, 95.5842** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **60.3053, 58.5302, 18.0187**, and the grayscale version is **26.5104, 27.8910, 30.3733**.

A 20% lighter version of the original color is **53.2077, 57.7527, 102.9508**, and **14.3913, 13.2024, 52.8288** is the 20% darker color. If you saturate the color by 10%, you get **28.3611, 25.5357, 94.7015**, and if you desaturate by 10%, it is **38.3917, 38.2095, 96.6192**.

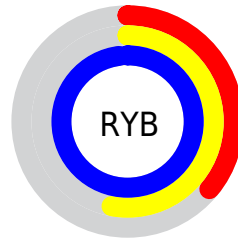
Distribution



Red (36%)

Green (59%)

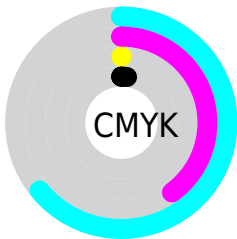
Blue (98%)



Red (36%)

Yellow (53%)

Blue (98%)

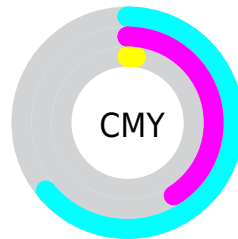


Cyan (64%)

Magenta (40%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (41%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7936, 31.3224, 95.5842 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 32.7936, 31.3224, 95.5842 by changing the saturation by 10% instead.

■ 32.7936, 31.3224,
95.5842

■ 32.7936, 31.3224,
95.5842

306.4001,
308.0209, 567.0656

■ 22.1269, 20.8445,
72.0217

■ 63.4100, 61.7473,
157.0740

■ 14.0673, 13.0104,
52.6895

■ 84.0903, 82.4631,
195.8383

■ 8.2495, 7.4357,
37.1689

■ 108.8393,
107.3602, 240.5071

■ 4.3081, 3.7360,
25.0415

■ 138.0222,
136.8232, 291.4988

■ 1.8779, 1.5270,
15.8887

172.0043,
171.2363, 349.2319

■ 0.5639, 0.3076,
9.2919

211.1511,

■ 0.0000, 0.0000,

210.9841, 414.1251

4.8327

255.8279,
256.4508, 486.5968

■ 0.0000, 0.0000,
2.0924

■ 0.0000, 0.0000,
0.6112

■ 32.7936, 31.3224,
95.5842

■ 32.7936, 31.3224,
95.5842

■ 28.3611, 25.5357,
94.7015

■ 38.3917, 38.2095,
96.6192

■ 24.9910, 20.7755,
93.9604

■ 45.2384, 46.2572,
97.8117

■ 22.5654, 16.9606,
93.3519

■ 53.4128, 55.5241,
99.1695

■ 21.4259, 14.9915,
93.0318

■ 62.9862, 66.0636,
100.6993

■ 74.0245, 77.9258,
102.4071

■ 86.5889, 91.1575,
104.2989

■ 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.



25.2349, 31.3224, 92.7711



32.7936, 31.3224, 95.5842



40.7543, 31.3224, 77.3825

Triad

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



32.7936, 31.3224, 95.5842



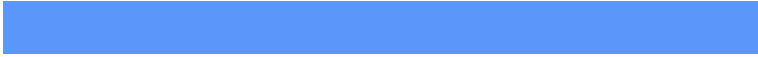
42.4586, 31.3224, 12.9495



17.7480, 31.3224, 22.1474

Complementary

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



32.7936, 31.3224, 95.5842



60.3053, 58.5302, 18.0187

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.



20.9628, 31.3224, 11.0080



32.7936, 31.3224, 95.5842



34.8206, 31.3224, 7.5173

Square

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



32.7936, 31.3224, 95.5842



46.9473, 31.3224, 26.3932



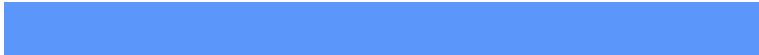
26.9401, 31.3224, 7.0077



17.3968, 31.3224, 43.1887

Rectangle

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



32.7936, 31.3224, 95.5842



44.8845, 31.3224, 59.0433



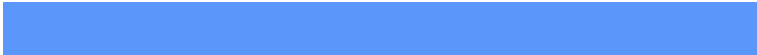
26.9401, 31.3224, 7.0077



18.4996, 31.3224, 17.4127

Sweetspot

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



32.7949, 31.3234, 95.5850



70.5054, 74.1184, 105.1980



48.0710, 74.9228, 60.4547



14.4063, 15.1256, 22.4102



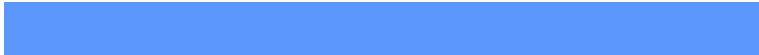
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.7949, 31.3234, 95.5850



28.4939, 25.2326, 97.9763



27.5446, 17.7430, 93.2404



16.8163, 17.7094, 21.9172



11.3906, 8.1367, 48.9438



1.1531, 0.9498, 4.5657

Inverse Universe

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



49.1119, 30.2276, 32.5248



47.2134, 26.3365, 25.1016



69.7738, 86.9623, 23.0076



17.5138, 17.3329, 19.2954



22.0415, 11.2323, 6.9268



2.0909, 1.0601, 0.9023

Previews

White Background



This preview shows how the XYZ color 32.7936, 31.3224, 95.5842 looks on a white background.

Color Contrast Check

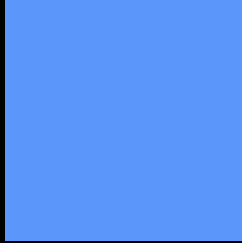
Large Text (above 18pt) WCAG AA × Fail

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 32.7936, 31.3224, 95.5842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

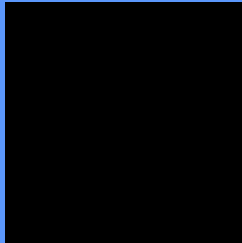
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

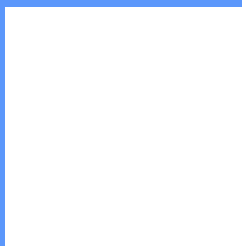
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7936, 31.3224, 95.5842

Background



This preview shows how black text looks on a background with the XYZ color 32.7936, 31.3224, 95.5842.



This preview shows how white text looks on a background with the XYZ color 32.7936, 31.3224,

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

32.7936, 31.3224, 95.5842

Protanopia

34.0887, 31.3366, 93.0588

Deuteranopia

32.3871, 31.3528, 95.6115



Tritanopia

23.2906, 31.2978, 47.9935

Trichromacy



Original Color

32.7936, 31.3224, 95.5842

Protanomaly

33.5552, 31.2775, 93.8911

Deuteranomaly

32.5713, 31.4477, 95.6201

Tritanomaly

26.1322, 31.1042, 63.0189

Monochromacy



Original Color

32.7936, 31.3224, 95.5842

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.4384, 28.6463, 48.8829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7936, 31.3224, 95.5842 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(91, 151, 251)` looks like.

```
.text, #text, p{  
    color:rgb(91, 151, 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(91, 151, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 151, 251) }
```

Border

The CSS property to change the border of an element to XYZ 32.7936, 31.3224, 95.5842 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(91, 151, 251) }
```


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

```
.border{ border-color:rgb(91, 151, 251) }
```

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

Here you see how a box with a 4 pixel rgb(91, 151, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 151, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 151, 251);  
box-shadow:4px 4px 4px 4px rgb(91, 151,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7936, 31.3224, 95.5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 151, 251) }
```

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

```
.background{ background-color: rgb(91, 151,  
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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