

Converting Colors

XYZ(35.5335, 37.1449, 95.9374)

Have a look what the booklet for
XYZ(35.5335, 37.1449, 95.9374)
contains.

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Color

**XYZ(35.4744, 37.0811,
95.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA8FA
RGB	90, 168, 250
RGB Percent	35%, 66%, 98%
CMY	0.6470, 0.3412, 0.0196
CMYK	0.64, 0.33, 0.00, 0.02
HSL	211°, 94%, 67%
HSV	211°, 64%, 98%
XYZ	35.4744, 37.0811, 95.7301
YIQ	154.0260, -72.8100, 8.9660

Conversions

Conversions Part 2

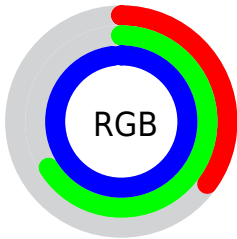
Format	Color
R _{YB}	90, 142, 250
Decimal	5941498
CIE Lab	67.34, 0.78, -47.91
CIE LCh	67, 47.919, 270.932
Yxy	37.0811, 0.2108, 0.2203
Android (android.graphics.Color)	4284131578 (0xFF5AA8FA)
YUV	154.0260, 47.3152, -56.1508
Hunter-Lab	60.8943, -2.5784, -50.5821

Details

The XYZ color **35.4744, 37.0811, 95.7301** 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 **56.0244, 50.5704, 16.4831**, and the grayscale version is **30.5501, 32.1411, 35.0016**.

A 20% lighter version of the original color is **57.5745, 66.7677, 104.4607**, and **15.8710, 16.3410, 52.7697** is the 20% darker color. If you saturate the color by 10%, you get **31.1889, 31.5320, 94.8857**, and if you desaturate by 10%, it is **40.8132, 43.5202, 96.6924**.

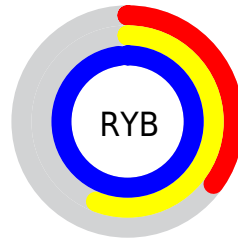
Distribution



Red (35%)

Green (66%)

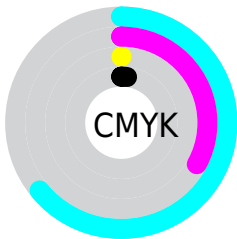
Blue (98%)



Red (35%)

Yellow (56%)

Blue (98%)

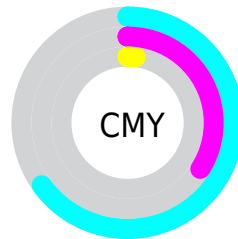


Cyan (64%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (34%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4744, 37.0811, 95.7301 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 35.4744, 37.0811, 95.7301 by changing the saturation by 10% instead.

■ 35.4744, 37.0811,
95.7301

■ 35.4744, 37.0811,
95.7301

318.1288,
333.6615, 567.5436

■ 24.1968, 25.2703,
72.1425

■ 67.5492, 70.6975,
157.2771

■ 15.6052, 16.2785,
52.7876

■ 89.0771, 93.2719,
196.0737

■ 9.3343, 9.7215,
37.2467

■ 114.7525,
120.2029, 240.7770

■ 5.0187, 5.2147,
25.1012

■ 144.9407,
151.8750, 291.8056

■ 2.2931, 2.3738,
15.9328

180.0071,
188.6725, 349.5780

■ 0.7911, 0.8123,
9.3228

220.3170,

■ 0.0000, 0.0000,

230.9798, 414.5128

4.8526

266.2358,
279.1813, 487.0285

■ 0.0000, 0.0000,
2.1038

■ 0.0000, 0.0000,
0.6180

■ 35.4744, 37.0811,
95.7301

■ 35.4744, 37.0811,
95.7301

■ 31.1889, 31.5320,
94.8857

■ 40.8132, 43.5202,
96.6924

■ 27.8599, 26.8116,
94.1500

■ 47.2813, 50.8967,
97.7752

■ 25.3773, 22.8531,
93.5168

■ 54.9520, 59.2578,
98.9848

■ 24.1992, 20.7896,
93.1806

■ 63.8908, 68.6462,
100.3258

■ 74.1580, 79.1016,
101.8028

■ 85.8099, 90.6613,
103.4199

■ 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.



28.8262, 37.0811, 86.9740



35.4744, 37.0811, 95.7301



43.0032, 37.0811, 85.8826

Triad

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



35.4744, 37.0811, 95.7301



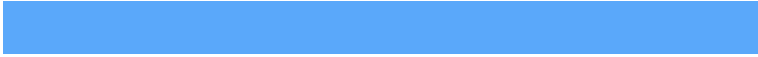
48.7805, 37.0811, 22.9671



24.2978, 37.0811, 23.7574

Complementary

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



35.4744, 37.0811, 95.7301



56.0244, 50.5704, 16.4831

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.



28.4801, 37.0811, 14.6920



35.4744, 37.0811, 95.7301



42.5510, 37.0811, 14.3597

Square

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



35.4744, 37.0811, 95.7301



51.3122, 37.0811, 39.7215



35.0155, 37.0811, 11.9564



22.9390, 37.0811, 41.0357

Rectangle

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



35.4744, 37.0811, 95.7301



47.3688, 37.0811, 71.5597



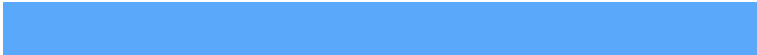
35.0155, 37.0811, 11.9564



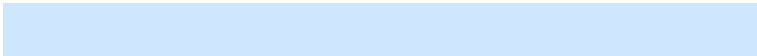
25.3886, 37.0811, 19.8924

Sweetspot

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



35.4758, 37.0824, 95.7310



72.0003, 77.1082, 105.6963



45.6593, 73.4483, 49.8031



14.7656, 15.8442, 22.5300



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.



35.4758, 37.0824, 95.7310



31.4493, 31.3718, 99.0055



25.1297, 16.3901, 92.2823



16.9815, 18.0399, 21.9723



12.9789, 11.3133, 49.4732



1.3078, 1.2592, 4.6173

Inverse Universe

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



50.1496, 30.4652, 40.2841



48.6494, 26.6974, 33.3215



75.4564, 89.4342, 22.9604



17.5972, 17.3662, 19.7347



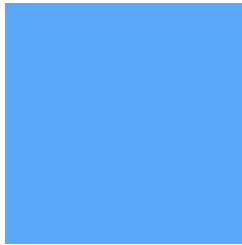
22.8432, 11.5530, 11.1484



2.1690, 1.0914, 1.3135

Previews

White Background



This preview shows how the XYZ color 35.4744, 37.0811, 95.7301 looks on a white background.

Color Contrast Check

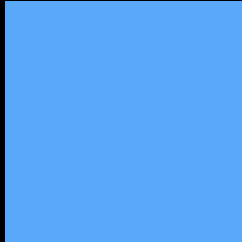
Large Text (above 18pt) WCAG AA × Fail

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 35.4744, 37.0811, 95.7301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

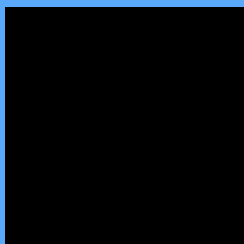
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

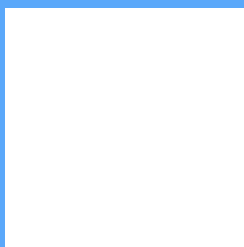
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4744, 37.0811, 95.7301

Background



This preview shows how black text looks on a background with the XYZ color 35.4744, 37.0811, 95.7301.



This preview shows how white text looks on a background with the XYZ color 35.4744, 37.0811,

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

35.4744, 37.0811, 95.7301

Protanopia

38.7401, 36.7636, 89.8483

Deuteranopia

37.9810, 37.0110, 96.4088



Tritanopia

27.7212, 37.0959, 56.7381

Trichromacy



Original Color

35.4744, 37.0811, 95.7301

Protanomaly

37.3395, 36.7701, 92.3181

Deuteranomaly

37.0521, 37.0634, 96.4679

Tritanomaly

30.0661, 36.8546, 69.1473

Monochromacy



Original Color

35.4744, 37.0811, 95.7301

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.9435, 33.2957, 52.9399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4744, 37.0811, 95.7301 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(90, 168, 250)` looks like.

```
.text, #text, p{  
    color:rgb(90, 168, 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(90, 168, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 168, 250) }
```

Border

The CSS property to change the border of an element to XYZ 35.4744, 37.0811, 95.7301 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(90, 168, 250) }
```


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

```
.border{ border-color:rgb(90, 168, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 168, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 168, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 168, 250);  
box-shadow:4px 4px 4px 4px rgb(90, 168,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4744, 37.0811, 95.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 168, 250) }
```

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

```
.background{ background-color: rgb(90, 168,  
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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