

Converting Colors

XYZ(38.0039, 32.6784, 95.8791)

Have a look what the booklet for
XYZ(38.0039, 32.6784, 95.8791)
contains.

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Color

**XYZ(37.8545, 32.5342,
95.5514)**

Conversions

Conversions Part 1

Format	Color
Hex	8991FB
RGB	137, 145, 251
RGB Percent	54%, 57%, 98%
CMY	0.4627, 0.4314, 0.0157
CMYK	0.45, 0.42, 0.00, 0.02
HSL	236°, 93%, 76%
HSV	236°, 45%, 98%
XYZ	37.8545, 32.5342, 95.5514
YIQ	154.6920, -38.7940, 31.2700

Conversions

Conversions Part 2

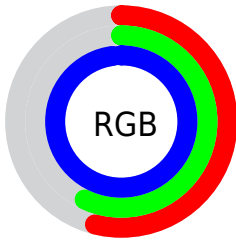
Format	Color
R_{YB}	137, 144, 251
Decimal	9015803
CIE _{Lab}	63.78, 23.98, -53.92
CIE _{LCh}	64, 59.018, 293.978
Yxy	32.5342, 0.2281, 0.1961
Android (android.graphics.Color)	4287205883 (0xFF8991FB)
YUV	154.6920, 47.4798, -15.5159
Hunter-Lab	57.0388, 18.6460, -59.3956

Details

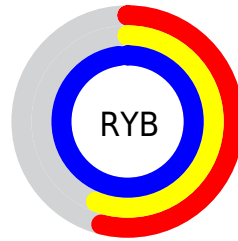
The XYZ color **37.8545, 32.5342, 95.5514** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.3513, 86.4190, 36.3252**, and the grayscale version is **30.8302, 32.4358, 35.3226**.

A 20% lighter version of the original color is **60.9791, 59.6689, 102.9111**, and **17.0543, 13.7417, 52.7925** is the 20% darker color. If you saturate the color by 10%, you get **31.0009, 24.2400, 94.3123**, and if you desaturate by 10%, it is **46.4001, 42.7890, 97.0810**.

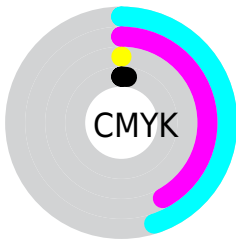
Distribution



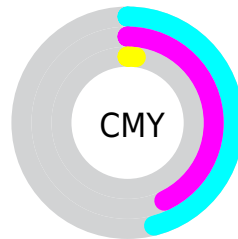
- Red (54%)
- Green (57%)
- Blue (98%)



- Red (54%)
- Yellow (56%)
- Blue (98%)



- Cyan (45%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (46%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8545, 32.5342, 95.5514 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 37.8545, 32.5342, 95.5514 by changing the saturation by 10% instead.

■ 37.8545, 32.5342,
95.5514

■ 37.8545, 32.5342,
95.5514

328.2871,
313.5456, 566.9581

■ 26.0465, 21.7699,
71.9946

■ 71.1904, 63.6476,
157.0283

■ 16.9913, 13.6879,
52.6674

■ 93.4490, 84.7655,
195.7854

■ 10.3235, 7.9039,
37.1514

119.9218,
110.1033, 240.4464

■ 5.6779, 4.0335,
25.0281

150.9743,
140.0455, 291.4298

■ 2.6890, 1.6923,
15.8788

186.9717,
174.9764, 349.1541

■ 0.9915, 0.4187,
9.2850

228.2793,

■ 0.0000, 0.0000,

215.2804, 414.0379

4.8282

275.2627,
261.3420, 486.4997

■ 0.0000, 0.0000,
2.0898

■ 0.0000, 0.0000,
0.6097

■ 37.8545, 32.5342,
95.5514

■ 37.8545, 32.5342,
95.5514

■ 31.0009, 24.2400,
94.3123

■ 46.4001, 42.7890,
97.0810

■ 25.7230, 17.7780,
93.3432

■ 56.7360, 55.1149,
98.9154

■ 21.8959, 13.0098,
92.6246

■ 68.9577, 69.6185,
101.0707

■ 19.3738, 9.7756,
92.1332

■ 83.1524, 86.3978,
103.5613

■ 17.9801, 7.8848,
91.8417

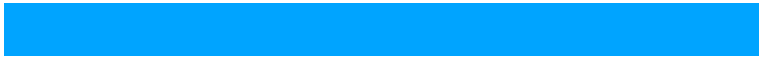
94.4127, 99.7451,
105.5441

■ 17.6227, 7.3851,
91.7641

Harmonies

Analogous

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



29.2824, 32.5342, 102.8677



37.8545, 32.5342, 95.5514



45.6694, 32.5342, 69.5739

Triad

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



37.8545, 32.5342, 95.5514



41.2625, 32.5342, 9.8633



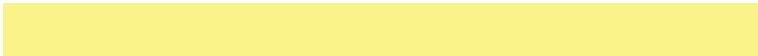
17.6384, 32.5342, 30.8528

Complementary

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



37.8545, 32.5342, 95.5514



76.3513, 86.4190, 36.3252

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.



19.7508, 32.5342, 14.8063



37.8545, 32.5342, 95.5514



32.6233, 32.5342, 6.6757

Square

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



37.8545, 32.5342, 95.5514



47.8699, 32.5342, 19.9377



24.8935, 32.5342, 7.9610



18.5378, 32.5342, 57.3723

Rectangle

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



37.8545, 32.5342, 95.5514



48.8881, 32.5342, 49.5581



24.8935, 32.5342, 7.9610



18.0058, 32.5342, 24.2709

Sweetspot

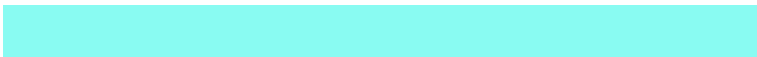
The Sweet Spot groups the original color and five complimentary colors.



37.8558, 32.5353, 95.5522



73.4231, 74.4654, 105.1112



60.7669, 80.6945, 95.9850



15.0803, 15.1864, 22.3864



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.



37.8558, 32.5353, 95.5522



33.0107, 26.1912, 97.9233



46.2470, 35.1104, 95.6070



16.3808, 16.8384, 21.7721



9.2998, 3.9551, 48.2468



0.8943, 0.4323, 4.4795

Inverse Universe

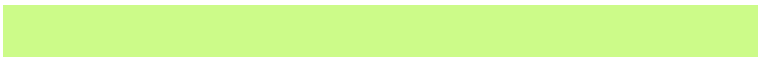
The Inverse Universe completely reimagines the original color for something new.



53.8413, 40.4465, 31.7582



51.4645, 35.5839, 24.2210



63.7788, 83.5683, 36.4376



17.2940, 17.2450, 18.1380



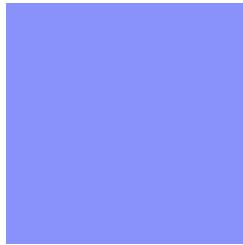
20.9861, 10.8102, 1.3693



1.9603, 1.0079, 0.2145

Previews

White Background



This preview shows how the XYZ color 37.8545, 32.5342, 95.5514 looks on a white background.

Color Contrast Check

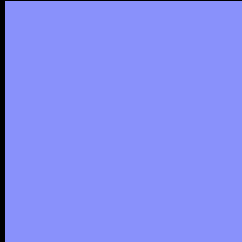
Large Text (above 18pt) WCAG AA × Fail

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 37.8545, 32.5342, 95.5514 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 37.8545, 32.5342, 95.5514

Background



This preview shows how black text looks on a background with the XYZ color 37.8545, 32.5342, 95.5514.



This preview shows how white text looks on a background with the XYZ color 37.8545, 32.5342,

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

37.8545, 32.5342, 95.5514

Protanopia

35.7987, 32.7980, 99.0516

Deuteranopia

33.8572, 32.8789, 94.1843



Tritanopia

27.8607, 32.6488, 45.3909

Trichromacy



Original Color

37.8545, 32.5342, 95.5514

Protanomaly

36.5220, 32.7156, 98.1558

Deuteranomaly

35.0040, 32.4801, 94.8669

Tritanomaly

30.9801, 32.3738, 61.1159

Monochromacy



Original Color

37.8545, 32.5342, 95.5514

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.5736, 32.1468, 53.2033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8545, 32.5342, 95.5514 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(137, 145, 251)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 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(137, 145, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 251) }
```

Border

The CSS property to change the border of an element to XYZ 37.8545, 32.5342, 95.5514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

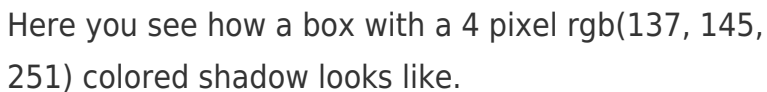
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 145, 251) }
```


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

```
.border{ border-color:rgb(137, 145, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 145, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 145, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 145, 251); box-shadow:4px 4px 4px 4px rgb(137, 145, 251) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8545, 32.5342, 95.5514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 251) }
```

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

```
.background{ background-color: rgb(137,  
145, 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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