

Converting Colors

XYZ(37.3644, 33.0372, 89.2025)

Have a look what the booklet for
XYZ(37.3644, 33.0372, 89.2025)
contains.

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Color

**XYZ(37.4150, 33.1398,
89.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	8B94F3
RGB	139, 148, 243
RGB Percent	55%, 58%, 95%
CMY	0.4549, 0.4196, 0.0471
CMYK	0.43, 0.39, 0.00, 0.05
HSL	235°, 81%, 75%
HSV	235°, 43%, 95%
XYZ	37.4150, 33.1398, 89.2187
YIQ	156.1390, -35.8590, 27.6370

Conversions

Conversions Part 2

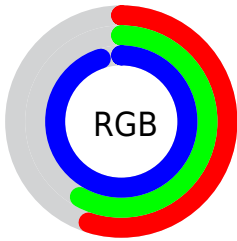
Format	Color
R _Y B	139, 147, 243
Decimal	9147635
CIE Lab	64.27, 20.43, -48.75
CIE LCh	64, 52.858, 292.742
Yxy	33.1398, 0.2342, 0.2074
Android (android.graphics.Color)	4287337715 (0xFF8B94F3)
YUV	156.1390, 42.8225, -15.0309
Hunter-Lab	57.5672, 15.2711, -51.5917

Details

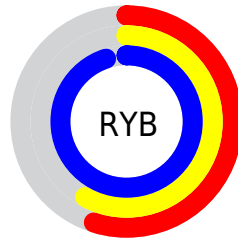
The XYZ color **37.4150, 33.1398, 89.2187** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **71.0467, 79.7665, 36.0797**, and the grayscale version is **31.4894, 33.1293, 36.0778**.

A 20% lighter version of the original color is **61.9355, 61.1968, 103.1556**, and **16.7103, 14.0744, 48.2903** is the 20% darker color. If you saturate the color by 10%, you get **30.6451, 24.9677, 87.9988**, and if you desaturate by 10%, it is **45.7567, 43.1143, 90.7050**.

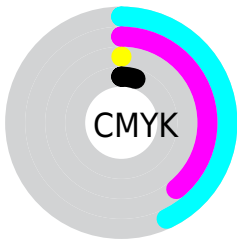
Distribution



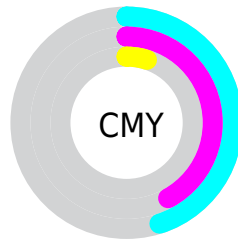
- Red (55%)
- Green (58%)
- Blue (95%)



- Red (55%)
- Yellow (58%)
- Blue (95%)



- Cyan (43%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)



- Cyan (45%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4150, 33.1398, 89.2187 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 37.4150, 33.1398, 89.2187 by changing the saturation by 10% instead.

■ 37.4150, 33.1398,
89.2187

■ 37.4150, 33.1398,
89.2187

326.4282,
316.2792, 545.9904

■ 25.7041, 22.2336,
66.7628

■ 70.5203, 64.5937,
148.1787

■ 16.7339, 14.0286,
48.4315

■ 92.6454, 85.9102,
185.5198

■ 10.1391, 8.1406,
33.8063

118.9727,
111.4656, 228.6597

■ 5.5543, 4.1850,
22.4687

149.8674,
141.6442, 278.0170

■ 2.6140, 1.7776,
14.0001

185.6949,
176.8305, 334.0102

■ 0.9531, 0.4732,
7.9820

226.8207,

■ 0.0000, 0.0000,

217.4088, 397.0578

3.9958

273.6100,
263.7636, 467.5783

■ 0.0000, 0.0000,
1.6230

■ 0.0000, 0.0000,
0.3072

■ 37.4150, 33.1398,
89.2187

■ 37.4150, 33.1398,
89.2187

■ 30.6451, 24.9677,
87.9988

■ 45.7567, 43.1143,
90.7050

■ 25.3445, 18.4868,
87.0272

■ 55.7566, 54.9864,
92.4695

■ 21.4045, 13.5789,
86.2875

■ 67.4992, 68.8490,
94.5263

■ 18.6995, 10.1090,
85.7604

■ 81.0622, 84.7875,
96.8879

■ 17.0801, 7.9190,
85.4230

■ 93.1778, 99.2511,
99.0411

■ 16.4464, 7.0083,
85.2806

Harmonies

Analogous

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



29.7096, 33.1398, 94.5946



37.4150, 33.1398, 89.2187



44.4416, 33.1398, 67.3459

Triad

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



37.4150, 33.1398, 89.2187



41.0710, 33.1398, 12.1671



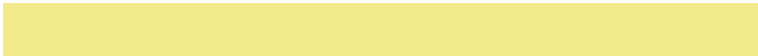
19.2388, 33.1398, 31.1084

Complementary

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



37.4150, 33.1398, 89.2187



71.0467, 79.7665, 36.0797

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.



21.3492, 33.1398, 16.3955



37.4150, 33.1398, 89.2187



33.3576, 33.1398, 8.6474

Square

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



37.4150, 33.1398, 89.2187



46.7756, 33.1398, 22.3448



26.2409, 33.1398, 9.8081



19.9726, 33.1398, 54.5417

Rectangle

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



37.4150, 33.1398, 89.2187



47.3931, 33.1398, 49.7912



26.2409, 33.1398, 9.8081



19.6260, 33.1398, 25.1555

Sweetspot

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



37.4163, 33.1410, 89.2195



74.9773, 76.4241, 105.4073



57.3501, 75.4515, 88.3334



15.3931, 15.5859, 22.4470



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.



37.4163, 33.1410, 89.2195



35.3328, 29.2415, 98.3897



44.3742, 34.7135, 89.1563



15.6964, 16.1571, 20.8339



9.0657, 3.9253, 46.8179



0.8354, 0.4223, 4.1277

Inverse Universe

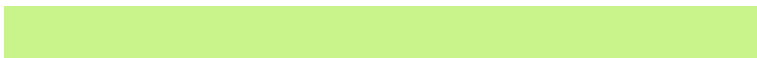
The Inverse Universe completely reimagines the original color for something new.



51.5412, 39.6596, 32.9565



53.0256, 37.6979, 27.8495



60.9071, 78.4393, 36.3580



16.5573, 16.5058, 17.4155



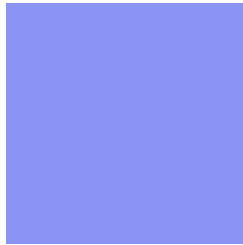
20.3805, 10.4956, 1.4461



1.8108, 0.9303, 0.2298

Previews

White Background



This preview shows how the XYZ color 37.4150, 33.1398, 89.2187 looks on a white background.

Color Contrast Check

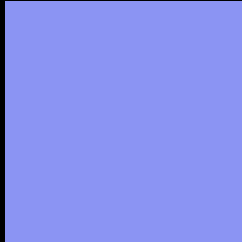
Large Text (above 18pt) WCAG AA × Fail

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 37.4150, 33.1398, 89.2187 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 37.4150, 33.1398, 89.2187

Background



This preview shows how black text looks on a background with the XYZ color 37.4150, 33.1398, 89.2187.



This preview shows how white text looks on a background with the XYZ color 37.4150, 33.1398,

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

37.4150, 33.1398, 89.2187

Protanopia

35.7625, 33.1649, 92.5123

Deuteranopia

34.1541, 33.1731, 87.8220



Tritanopia

28.5434, 33.0008, 45.4228

Trichromacy



Original Color

37.4150, 33.1398, 89.2187

Protanomaly

36.4536, 33.2991, 91.6948

Deuteranomaly

35.1404, 32.9322, 88.5089

Tritanomaly

31.3844, 32.8733, 59.3346

Monochromacy



Original Color

37.4150, 33.1398, 89.2187

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.0460, 32.8973, 52.1851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4150, 33.1398, 89.2187 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(139, 148, 243)` looks like.

```
.text, #text, p{  
    color:rgb(139, 148, 243)  
}
```

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(139, 148, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 148, 243) }
```

Border

The CSS property to change the border of an element to XYZ 37.4150, 33.1398, 89.2187 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(139, 148, 243) }
```


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

```
.border{ border-color:rgb(139, 148, 243) }
```

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

Here you see how a box with a 4 pixel rgb(139, 148, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 148, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 148, 243);  
box-shadow:4px 4px 4px 4px rgb(139, 148,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4150, 33.1398, 89.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 148, 243) }
```

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

```
.background{ background-color: rgb(139,  
148, 243) }
```

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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