

Converting Colors

XYZ(37.1242, 26.6224, 93.6261)

Have a look what the booklet for
XYZ(37.1242, 26.6224, 93.6261)
contains.

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Color

**XYZ(37.1342, 26.5933,
93.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	9B75FA
RGB	155, 117, 250
RGB Percent	61%, 46%, 98%
CMY	0.3921, 0.5412, 0.0196
CMYK	0.38, 0.53, 0.00, 0.02
HSL	257°, 93%, 72%
HSV	257°, 53%, 98%
XYZ	37.1342, 26.5933, 93.6183
YIQ	143.5240, -20.0450, 49.4190

Conversions

Conversions Part 2

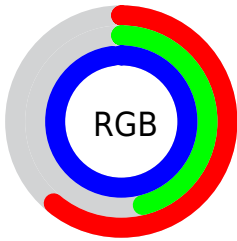
Format	Color
R _Y B	155, 117, 250
Decimal	10188282
CIE Lab	58.60, 43.99, -61.57
CIE LCh	59, 75.666, 305.546
Yxy	26.5933, 0.2360, 0.1690
Android (android.graphics.Color)	4288378362 (0xFF9B75FA)
YUV	143.5240, 52.4927, 10.0645
Hunter-Lab	51.5687, 38.2912, -71.5376

Details

The XYZ color **37.1342, 26.5933, 93.6183** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **64.5478, 83.6528, 29.5749**, and the grayscale version is **26.1211, 27.4814, 29.9273**.

A 20% lighter version of the original color is **59.8653, 50.1156, 101.1258**, and **16.5626, 10.4060, 51.5877** is the 20% darker color. If you saturate the color by 10%, you get **31.4235, 19.8877, 92.6255**, and if you desaturate by 10%, it is **44.1316, 35.1172, 94.8953**.

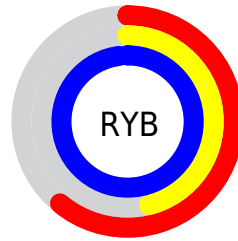
Distribution



Red (61%)

Green (46%)

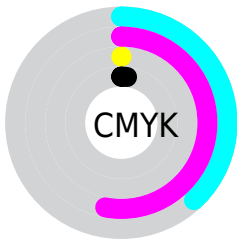
Blue (98%)



Red (61%)

Yellow (46%)

Blue (98%)

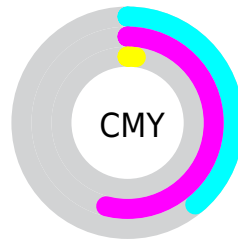


Cyan (38%)

Magenta (53%)

Yellow (0%)

Black (2%)



Cyan (39%)

Magenta (54%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1342, 26.5933, 93.6183 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 37.1342, 26.5933, 93.6183 by changing the saturation by 10% instead.

37.1342, 26.5933,
93.6183

37.1342, 26.5933,
93.6183

325.2366,
285.6825, 560.6030

25.4856, 17.2680,
70.3950

70.0916, 54.2306,
154.3335

16.5698, 10.4258,
51.3698

92.1311, 73.3113,
192.6624

10.0217, 5.6822,
36.1242

118.3650, 96.4127,
236.8636

5.4757, 2.6528,
24.2397

149.1585,
123.9191, 287.3557

2.5666, 0.9533,
15.2977

184.8771,
156.2148, 344.5571

0.9290, 0.0000,
8.8796

225.8860,

0.0000, 0.0000,

193.6844, 408.8864

4.5670

272.5508,
236.7122, 480.7622

■ 0.0000, 0.0000,
1.9413

■ 0.0000, 0.0000,
0.5188

■ 37.1342, 26.5933,
93.6183

■ 37.1342, 26.5933,
93.6183

■ 31.4235, 19.8877,
92.6255

■ 44.1316, 35.1172,
94.8953

■ 26.9104, 14.8593,
91.8928

■ 52.4895, 45.5802,
96.4744

■ 23.4990, 11.3501,
91.3952

■ 62.2798, 58.0958,
98.3741

■ 21.0743, 9.1685,
91.1020

■ 73.5683, 72.7677,
100.6111

■ 19.8859, 8.2582,
90.9889

■ 86.4165, 89.6925,
103.2008

■ 94.2554, 99.6822,
104.7158

Harmonies

Analogous

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



27.0403, 26.5933, 115.4213



37.1342, 26.5933, 93.6183



45.2481, 26.5933, 55.6819

Triad

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



37.1342, 26.5933, 93.6183



33.4061, 26.5933, 2.9011



11.3504, 26.5933, 34.1809

Complementary

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



37.1342, 26.5933, 93.6183



64.5478, 83.6528, 29.5749

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.



12.2636, 26.5933, 12.5339



37.1342, 26.5933, 93.6183



23.5905, 26.5933, 2.0611

Square

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



37.1342, 26.5933, 93.6183



42.7528, 26.5933, 8.2482



16.2566, 26.5933, 4.1023



13.3595, 26.5933, 69.9864

Rectangle

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



37.1342, 26.5933, 93.6183



47.5673, 26.5933, 33.1084



16.2566, 26.5933, 4.1023



11.3330, 26.5933, 25.1654

Sweetspot

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



37.1353, 26.5942, 93.6190



73.4667, 71.5602, 104.5481



48.2148, 57.9302, 99.0835



15.1960, 14.6283, 22.2726



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.



37.1353, 26.5942, 93.6190



32.4126, 20.2799, 96.8138



53.4919, 35.0263, 94.3844



16.7488, 16.8831, 21.7613



10.6697, 4.4431, 48.2688



1.0877, 0.4628, 4.4752

Inverse Universe

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



57.6696, 37.8006, 66.5431



56.4804, 33.4519, 63.3924



49.2186, 75.7504, 28.8575



17.7692, 17.4350, 20.6403



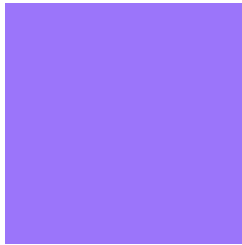
25.2698, 12.5236, 23.9268



2.3861, 1.1782, 2.4563

Previews

White Background



This preview shows how the XYZ color 37.1342, 26.5933, 93.6183 looks on a white background.

Color Contrast Check

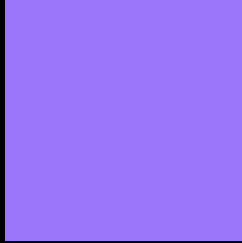
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1342, 26.5933, 93.6183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

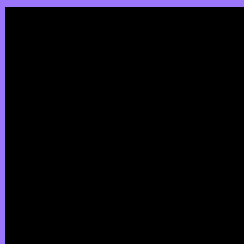
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.1342, 26.5933, 93.6183

Background



This preview shows how black text looks on a background with the XYZ color 37.1342, 26.5933, 93.6183.



This preview shows how white text looks on a background with the XYZ color 37.1342, 26.5933,

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

37.1342, 26.5933, 93.6183

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.8965, 27.0761, 89.3439



Tritanopia

25.0956, 26.6325, 33.9549

Trichromacy



Original Color

37.1342, 26.5933, 93.6183

Protanomaly

32.0189, 26.3083, 96.3189

Deuteranomaly

29.6739, 26.0312, 90.6493

Tritanomaly

28.4491, 26.0686, 51.1093

Monochromacy



Original Color

37.1342, 26.5933, 93.6183

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.2851, 26.7650, 48.4224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1342, 26.5933, 93.6183 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(155, 117, 250)` looks like.

```
.text, #text, p{  
    color:rgb(155, 117, 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(155, 117, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 117, 250) }
```

Border

The CSS property to change the border of an element to XYZ 37.1342, 26.5933, 93.6183 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(155, 117, 250) }
```


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

```
.border{ border-color:rgb(155, 117, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 117, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 117, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 117, 250);  
box-shadow:4px 4px 4px 4px rgb(155, 117,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1342, 26.5933, 93.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 117, 250) }
```

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

```
.background{ background-color: rgb(155,  
117, 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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