

Converting Colors

XYZ(37.4138, 33.3927, 99.0813)

Have a look what the booklet for
XYZ(37.4138, 33.3927, 99.0813)
contains.

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Color

**XYZ(37.4138, 33.3927,
99.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	7D96FF
RGB	125, 150, 255
RGB Percent	49%, 59%, 100%
CMY	0.5098, 0.4118, 0.0000
CMYK	0.51, 0.41, 0.00, 0.00
HSL	228°, 100%, 75%
HSV	228°, 51%, 100%
XYZ	37.4138, 33.3927, 99.0813
YIQ	154.4950, -48.6050, 27.3550

Conversions

Conversions Part 2

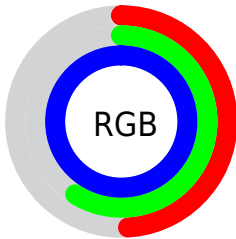
Format	Color
RYB	125, 146, 255
Decimal	8230655
CIELab	64.48, 19.55, -55.05
CIELCh	64, 58.423, 289.552
Yxy	33.3927, 0.2202, 0.1966
Android (android.graphics.Color)	4286420735 (0xFF7D96FF)
YUV	154.4950, 49.5490, -25.8671
Hunter-Lab	57.7864, 14.4435, -61.2089

Details

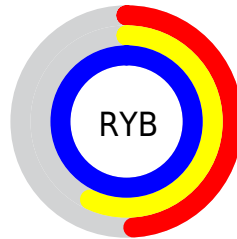
The XYZ color **37.4138, 33.3927, 99.0813** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **73.2399, 79.3366, 30.8573**, and the grayscale version is **30.7380, 32.3388, 35.2169**.

A 20% lighter version of the original color is **59.4100, 60.5961, 103.1727**, and **16.8001, 14.2483, 55.2908** is the 20% darker color. If you saturate the color by 10%, you get **31.1548, 25.7088, 97.9280**, and if you desaturate by 10%, it is **45.2082, 42.7266, 100.4721**.

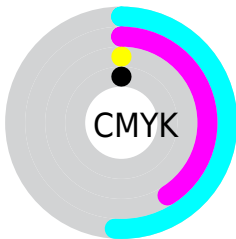
Distribution



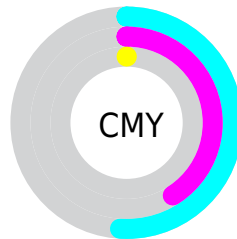
- Red (49%)
- Green (59%)
- Blue (100%)



- Red (49%)
- Yellow (57%)
- Blue (100%)



- Cyan (51%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4138, 33.3927, 99.0813 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 37.4138, 33.3927, 99.0813 by changing the saturation by 10% instead.

■ 37.4138, 33.3927,
99.0813

■ 37.4138, 33.3927,
99.0813

326.4231,
317.4156, 578.4647

■ 25.7032, 22.4274,
74.9209

■ 70.5185, 64.9881,
161.9350

■ 16.7332, 14.1713,
55.0468

■ 92.6432, 86.3871,
201.4653

■ 10.1386, 8.2399,
39.0403

■ 118.9701,
112.0328, 246.9561

■ 5.5539, 4.2488,
26.4830

149.8644,
142.3096, 298.8257

■ 2.6138, 1.8137,
16.9563

185.6915,
177.6019, 357.4929

■ 0.9530, 0.4957,
10.0417

226.8167,

■ 0.0000, 0.0000,

218.2940, 423.3761

5.3207

273.6055,
264.7705, 496.8938

■ 0.0000, 0.0000,
2.3746

■ 0.0000, 0.0000,
0.7726

■ 37.4138, 33.3927,
99.0813

■ 37.4138, 33.3927,
99.0813

■ 31.1548, 25.7088,
97.9280

■ 45.2082, 42.7266,
100.4721

■ 26.3228, 19.5726,
96.9983

■ 54.6293, 53.7977,
102.1125

■ 22.8001, 14.8751,
96.2772

■ 65.7652, 66.6908,
104.0142

■ 20.4474, 11.4901,
95.7479

■ 78.6966, 81.4842,
106.1880

■ 19.1497, 9.4194,
95.4166

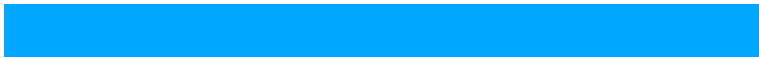
■ 93.4991, 98.2514,
108.6442

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



28.9186, 33.3927, 102.8083



37.4138, 33.3927, 99.0813



45.5735, 33.3927, 75.0347

Triad

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



37.4138, 33.3927, 99.0813



43.3207, 33.3927, 11.4112



18.4360, 33.3927, 28.6502

Complementary

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



37.4138, 33.3927, 99.0813



73.2399, 79.3366, 30.8573

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.



21.0323, 33.3927, 13.9613



37.4138, 33.3927, 99.0813



34.7366, 33.3927, 7.3137

Square

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



37.4138, 33.3927, 99.0813



49.3758, 33.3927, 23.0528



26.6687, 33.3927, 7.9808



18.8985, 33.3927, 53.9968

Rectangle

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



37.4138, 33.3927, 99.0813



49.2608, 33.3927, 54.8798



26.6687, 33.3927, 7.9808



18.9592, 33.3927, 22.5585

Sweetspot

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



37.4150, 33.3938, 99.0814



73.2749, 75.3012, 105.2803



58.3613, 81.5376, 86.7920



15.1011, 15.4508, 22.4363



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.



37.4150, 33.3938, 99.0814



31.1427, 25.6937, 97.9257



40.6951, 29.7817, 98.2113



17.2857, 17.9429, 22.8022



10.0861, 5.0818, 49.8839



1.0529, 0.6366, 4.8806

Inverse Universe

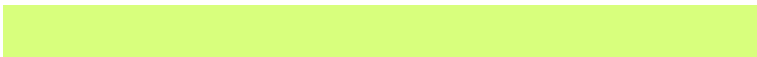
The Inverse Universe completely reimagines the original color for something new.



54.0796, 38.1308, 33.3647



49.7310, 31.8638, 24.4239



67.7815, 87.6000, 32.7400



18.1521, 18.0441, 19.4180



21.8792, 11.2410, 2.7484



2.1661, 1.1088, 0.4560

Previews

White Background



This preview shows how the XYZ color 37.4138, 33.3927, 99.0813 looks on a white background.

Color Contrast Check

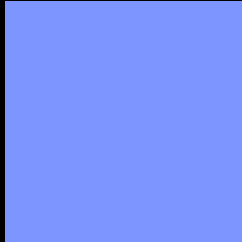
Large Text (above 18pt) WCAG AA × Fail

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 37.4138, 33.3927, 99.0813 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 37.4138, 33.3927, 99.0813

Background



This preview shows how black text looks on a background with the XYZ color 37.4138, 33.3927, 99.0813.



This preview shows how white text looks on a background with the XYZ color 37.4138, 33.3927,

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

37.4138, 33.3927, 99.0813

Protanopia

36.3485, 33.3213, 99.1236

Deuteranopia

34.6017, 33.4195, 98.3928



Tritanopia

27.2413, 33.3344, 48.1784

Trichromacy



Original Color

37.4138, 33.3927, 99.0813

Protanomaly

36.7244, 33.2752, 99.0949

Deuteranomaly

35.5084, 33.3928, 98.3399

Tritanomaly

30.2637, 32.9616, 63.7986

Monochromacy



Original Color

37.4138, 33.3927, 99.0813

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.1229, 32.3837, 53.8478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4138, 33.3927, 99.0813 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(125, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 150, 255)  
}
```

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(125, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 150, 255) }
```

Border

The CSS property to change the border of an element to XYZ 37.4138, 33.3927, 99.0813 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(125, 150, 255) }
```


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

```
.border{ border-color:rgb(125, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 150,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4138, 33.3927, 99.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 150, 255) }
```

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

```
.background{ background-color: rgb(125,  
150, 255) }
```

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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