

Converting Colors

XYZ(37.2549, 33.0749, 99.0283)

Have a look what the booklet for
XYZ(37.2549, 33.0749, 99.0283)
contains.

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Color

**XYZ(37.2549, 33.0749,
99.0283)**

Conversions

Conversions Part 1

Format	Color
Hex	7D95FF
RGB	125, 149, 255
RGB Percent	49%, 58%, 100%
CMY	0.5098, 0.4157, 0.0000
CMYK	0.51, 0.42, 0.00, 0.00
HSL	229°, 100%, 75%
HSV	229°, 51%, 100%
XYZ	37.2549, 33.0749, 99.0283
YIQ	153.9080, -48.3300, 27.8780

Conversions

Conversions Part 2

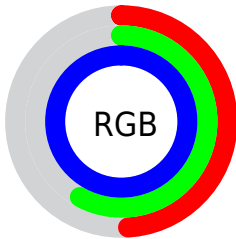
Format	Color
RYB	125, 145, 255
Decimal	8230399
CIELab	64.22, 20.14, -55.46
CIElCh	64, 59.004, 289.955
Yxy	33.0749, 0.2200, 0.1953
Android (android.graphics.Color)	4286420479 (0xFF7D95FF)
YUV	153.9080, 49.8384, -25.3523
Hunter-Lab	57.5108, 14.9866, -61.8344

Details

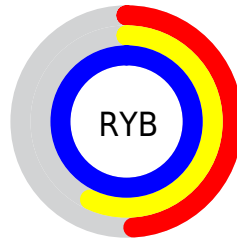
The XYZ color **37.2549, 33.0749, 99.0283** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **73.5191, 79.8948, 30.9504**, and the grayscale version is **30.4797, 32.0670, 34.9210**.

A 20% lighter version of the original color is **59.1731, 60.1222, 103.0937**, and **16.7048, 14.0577, 55.2590** is the 20% darker color. If you saturate the color by 10%, you get **30.9975, 25.3942, 97.8756**, and if you desaturate by 10%, it is **45.0573, 42.4248, 100.4218**.

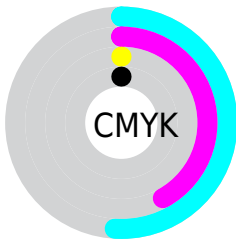
Distribution



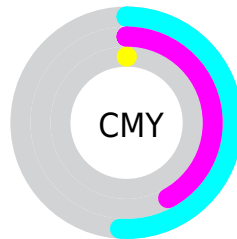
- Red (49%)
- Green (58%)
- Blue (100%)



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



- Cyan (51%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2549, 33.0749, 99.0283 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 37.2549, 33.0749, 99.0283 by changing the saturation by 10% instead.

■ 37.2549, 33.0749,
99.0283

■ 37.2549, 33.0749,
99.0283

325.7492,
315.9871, 578.2928

■ 25.5795, 22.1838,
74.8769

■ 70.2759, 64.4924,
161.8614

■ 16.6403, 13.9920,
55.0109

■ 92.3523, 85.7877,
201.3802

■ 10.0721, 8.1151,
39.0118

■ 118.6263,
111.3198, 246.8586

■ 5.5094, 4.1687,
26.4610

149.4634,
141.4732, 298.7151

■ 2.5869, 1.7684,
16.9400

185.2288,
176.6322, 357.3682

■ 0.9393, 0.4673,
10.0302

226.2881,

■ 0.0000, 0.0000,

217.1813, 423.2365

5.3131

273.0064,
263.5048, 496.7386

■ 0.0000, 0.0000,
2.3702

■ 0.0000, 0.0000,
0.7701

■ 37.2549, 33.0749,
99.0283

■ 37.2549, 33.0749,
99.0283

■ 30.9975, 25.3942,
97.8756

■ 45.0573, 42.4248,
100.4218

■ 26.1757, 19.2785,
96.9493

■ 54.4969, 53.5329,
102.0683

■ 22.6707, 14.6163,
96.2341

■ 65.6626, 66.4856,
103.9800

■ 20.3418, 11.2789,
95.7127

■ 78.6359, 81.3628,
106.1678

■ 19.0694, 9.2587,
95.3898

■ 93.4930, 98.2393,
108.6422

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.



28.7124, 33.0749, 103.1279



37.2549, 33.0749, 99.0283



45.4358, 33.0749, 74.5499

Triad

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



37.2549, 33.0749, 99.0283



42.9692, 33.0749, 10.9983



18.1039, 33.0749, 28.5571

Complementary

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



37.2549, 33.0749, 99.0283



73.5191, 79.8948, 30.9504

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.



20.6562, 33.0749, 13.7539



37.2549, 33.0749, 99.0283



34.3281, 33.0749, 7.0245

Square

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



37.2549, 33.0749, 99.0283



49.1195, 33.0749, 22.4627



26.2582, 33.0749, 7.7405



18.6064, 33.0749, 54.1432

Rectangle

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



37.2549, 33.0749, 99.0283



49.1077, 33.0749, 54.2331



26.2582, 33.0749, 7.7405



18.6126, 33.0749, 22.4127

Sweetspot

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



37.2561, 33.0760, 99.0284



73.1958, 75.1431, 105.2540



58.3613, 81.5376, 86.7920



15.0823, 15.4132, 22.4301



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.



37.2561, 33.0760, 99.0284



30.9854, 25.3791, 97.8733



40.6951, 29.7817, 98.2113



17.2742, 17.9200, 22.7984



10.0415, 4.9926, 49.8690



1.0470, 0.6247, 4.8787

Inverse Universe

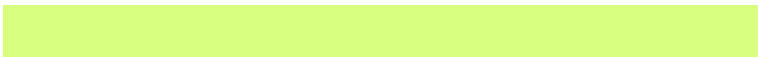
The Inverse Universe completely reimagines the original color for something new.



53.9994, 38.0987, 32.9424



49.6517, 31.8320, 24.0058



67.7815, 87.6000, 32.7401



18.1463, 18.0418, 19.3876



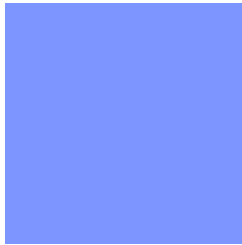
21.8567, 11.2320, 2.6299



2.1631, 1.1076, 0.4402

Previews

White Background



This preview shows how the XYZ color 37.2549, 33.0749, 99.0283 looks on a white background.

Color Contrast Check

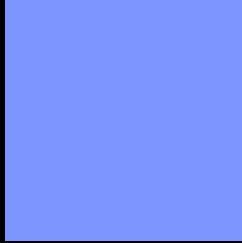
Large Text (above 18pt) WCAG AA × Fail

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 37.2549, 33.0749, 99.0283 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 37.2549, 33.0749, 99.0283

Background



This preview shows how black text looks on a background with the XYZ color 37.2549, 33.0749, 99.0283.



This preview shows how white text looks on a background with the XYZ color 37.2549, 33.0749,

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

37.2549, 33.0749, 99.0283

Protanopia

36.0883, 33.1872, 99.1115

Deuteranopia

34.2342, 33.2485, 97.5418



Tritanopia

27.0284, 33.2364, 47.6385

Trichromacy



Original Color

37.2549, 33.0749, 99.0283

Protanomaly

36.4527, 33.1351, 99.0822

Deuteranomaly

35.1063, 32.9415, 98.2740

Tritanomaly

30.1400, 32.8978, 63.7929

Monochromacy



Original Color

37.2549, 33.0749, 99.0283

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.9599, 32.0577, 53.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2549, 33.0749, 99.0283 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, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 149, 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, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 149, 255) }
```

Border

The CSS property to change the border of an element to XYZ 37.2549, 33.0749, 99.0283 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, 149, 255) }
```


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

```
.border{ border-color:rgb(125, 149, 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, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 149, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 149, 255); box-shadow:4px 4px 4px 4px rgb(125, 149, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2549, 33.0749, 99.0283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 149, 255) }
```

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

```
.background{ background-color: rgb(125,  
149, 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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