

Converting Colors

XYZ(35.3974, 23.4775, 97.2737)

Have a look what the booklet for
XYZ(35.3974, 23.4775, 97.2737)
contains.

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Color

**XYZ(35.3947, 23.5102,
97.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	9568FF
RGB	149, 104, 255
RGB Percent	58%, 41%, 100%
CMY	0.4157, 0.5922, 0.0000
CMYK	0.42, 0.59, 0.00, 0.00
HSL	258°, 100%, 70%
HSV	258°, 59%, 100%
XYZ	35.3947, 23.5102, 97.2802
YIQ	134.6690, -21.6510, 56.5010

Conversions

Conversions Part 2

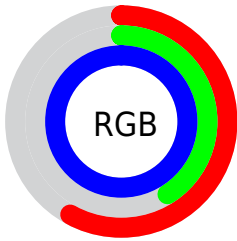
Format	Color
R_{YB}	149, 104, 255
Decimal	9791743
CIE _{Lab}	55.59, 51.13, -69.19
CIE _{LCh}	56, 86.031, 306.464
Yxy	23.5102, 0.2266, 0.1505
Android (android.graphics.Color)	4287981823 (0xFF9568FF)
YUV	134.6690, 59.3232, 12.5683
Hunter-Lab	48.4873, 45.4484, -85.0125

Details

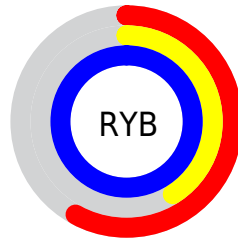
The XYZ color **35.3947, 23.5102, 97.2802** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **64.8364, 86.2208, 26.3222**, and the grayscale version is **22.7010, 23.8832, 26.0088**.

A 20% lighter version of the original color is **56.1194, 44.7438, 100.2864**, and **15.5170, 8.7934, 53.7028** is the 20% darker color. If you saturate the color by 10%, you get **30.1864, 17.5740, 96.4089**, and if you desaturate by 10%, it is **41.8827, 31.2581, 98.4337**.

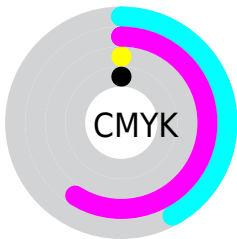
Distribution



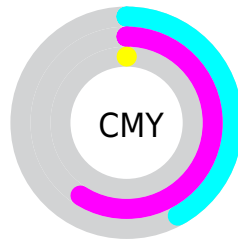
- Red (58%)
- Green (41%)
- Blue (100%)



- Red (58%)
- Yellow (41%)
- Blue (100%)



- Cyan (42%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3947, 23.5102, 97.2802 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 35.3947, 23.5102, 97.2802 by changing the saturation by 10% instead.

35.3947, 23.5102,
97.2802

35.3947, 23.5102,
97.2802

317.7847,
270.3348, 572.6091

24.1350, 14.9707,
73.4269

67.4268, 49.2297,
159.4336

15.5591, 8.7988,
53.8312

88.9299, 67.1785,
198.5708

9.3016, 4.6102,
38.0744

114.5781, 89.0326,
243.6398

4.9971, 2.0204,
25.7382

144.7370,
115.1762, 295.0589

2.2803, 0.6193,
16.4039

179.7717,
145.9938, 353.2469

0.7845, 0.0000,
9.6530

220.0476,

0.0000, 0.0000,

181.8699, 418.6222

5.0669

265.9302,
223.1887, 491.6035

■ 0.0000, 0.0000,
2.2271

■ 0.0000, 0.0000,
0.6900

■ 35.3947, 23.5102,
97.2802

■ 35.3947, 23.5102,
97.2802

■ 30.1864, 17.5740,
96.4089

■ 41.8827, 31.2581,
98.4337

■ 26.1595, 13.2906,
95.7943

■ 49.7321, 40.9532,
99.8913

■ 23.2045, 10.4763,
95.4069

■ 59.0210, 52.7205,
101.6731

■ 21.1650, 8.8581,
95.2020

■ 69.8203, 66.6736,
103.7971

■ 21.0304, 8.7564,
95.1895

■ 82.1962, 82.9178,
106.2803

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.



24.5163, 23.5102, 124.1155



35.3947, 23.5102, 97.2802



44.2323, 23.5102, 53.4729

Triad

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



35.3947, 23.5102, 97.2802



30.6705, 23.5102, 1.2045



8.4448, 23.5102, 32.1090

Complementary

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



35.3947, 23.5102, 97.2802



64.8364, 86.2208, 26.3222

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.



9.2178, 23.5102, 9.6217



35.3947, 23.5102, 97.2802



20.3072, 23.5102, 0.7248

Square

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



35.3947, 23.5102, 97.2802



40.9978, 23.5102, 5.1456



12.9773, 23.5102, 2.1729



10.4335, 23.5102, 72.4036

Rectangle

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



35.3947, 23.5102, 97.2802



46.6708, 23.5102, 29.0441



12.9773, 23.5102, 2.1729



8.4013, 23.5102, 22.4370

Sweetspot

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



35.3957, 23.5109, 97.2802



71.2386, 68.5230, 104.0793



47.3569, 57.3588, 103.1831



14.5293, 13.7308, 22.1345



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.



35.3957, 23.5109, 97.2802



29.3838, 16.6930, 96.2811



53.2117, 32.6954, 98.1140



17.5118, 17.6401, 22.7319



11.1188, 4.6424, 49.7446



1.1869, 0.5058, 4.8483

Inverse Universe

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



57.8230, 35.8140, 64.8362



54.2329, 30.3699, 58.2872



48.5291, 77.8141, 25.5590



18.5485, 18.2027, 21.5053



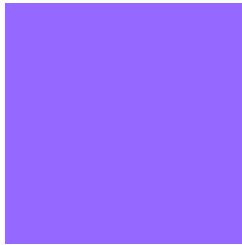
25.8694, 12.8371, 23.7605



2.5670, 1.2692, 2.5672

Previews

White Background



This preview shows how the XYZ color 35.3947, 23.5102, 97.2802 looks on a white background.

Color Contrast Check

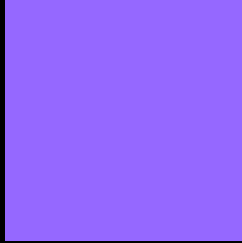
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3947, 23.5102, 97.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

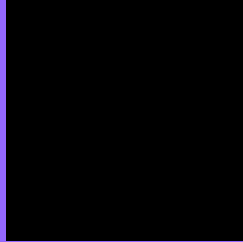
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3947, 23.5102, 97.2802

Background



This preview shows how black text looks on a background with the XYZ color 35.3947, 23.5102, 97.2802.



This preview shows how white text looks on a background with the XYZ color 35.3947, 23.5102,

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

35.3947, 23.5102, 97.2802

Protanopia

27.7039, 23.8503, 97.7512

Deuteranopia

24.2368, 23.7814, 84.2018



Tritanopia

21.8043, 23.3055, 30.1373

Trichromacy



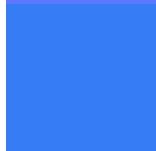
Original Color

35.3947, 23.5102, 97.2802



Protanomaly

29.1801, 22.9283, 97.4954



Deuteranomaly

25.0581, 21.7312, 88.4618



Tritanomaly

25.3556, 22.5742, 48.9198

Monochromacy



Original Color

35.3947, 23.5102, 97.2802



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

26.1596, 23.2454, 45.7559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3947, 23.5102, 97.2802 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(149, 104, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 104, 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(149, 104, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 104, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.3947, 23.5102, 97.2802 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(149, 104, 255) }
```


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

```
.border{ border-color:rgb(149, 104, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 104, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 104, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 104, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 104,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3947, 23.5102, 97.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 104, 255) }
```

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

```
.background{ background-color: rgb(149,  
104, 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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