

Converting Colors

XYZ(36.0296, 22.9751, 97.1434)

Have a look what the booklet for
XYZ(36.0296, 22.9751, 97.1434)
contains.

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Color

**XYZ(35.9353, 22.9239,
97.1385)**

Conversions

Conversions Part 1

Format	Color
Hex	9B62FF
RGB	155, 98, 255
RGB Percent	61%, 38%, 100%
CMY	0.3921, 0.6157, 0.0000
CMYK	0.39, 0.62, 0.00, 0.00
HSL	262°, 100%, 69%
HSV	262°, 62%, 100%
XYZ	35.9353, 22.9239, 97.1385
YIQ	132.9410, -16.4250, 60.9110

Conversions

Conversions Part 2

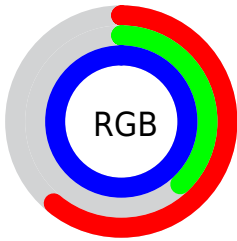
Format	Color
R _Y B	155, 98, 255
Decimal	10183423
CIE Lab	54.99, 55.54, -70.13
CIE LCh	55, 89.459, 308.377
Yxy	22.9239, 0.2304, 0.1470
Android (android.graphics.Color)	4288373503 (0xFF9B62FF)
YUV	132.9410, 60.1751, 19.3457
Hunter-Lab	47.8789, 50.1843, -86.7745

Details

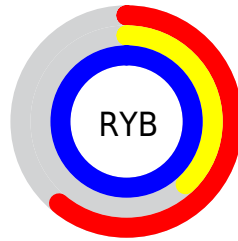
The XYZ color **35.9353, 22.9239, 97.1385** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **61.2524, 84.4071, 24.6194**, and the grayscale version is **22.0662, 23.2154, 25.2816**.

A 20% lighter version of the original color is **57.1409, 43.8003, 100.0504**, and **15.9184, 8.5510, 53.6348** is the 20% darker color. If you saturate the color by 10%, you get **31.0079, 17.3884, 96.3297**, and if you desaturate by 10%, it is **42.0436, 30.1962, 98.2203**.

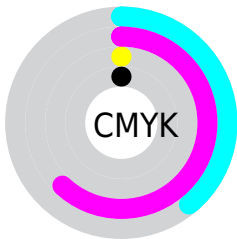
Distribution



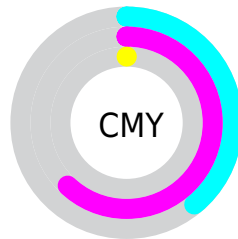
- Red (61%)
- Green (38%)
- Blue (100%)



- Red (61%)
- Yellow (38%)
- Blue (100%)



- Cyan (39%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9353, 22.9239, 97.1385 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 35.9353, 22.9239, 97.1385 by changing the saturation by 10% instead.

 35.9353, 22.9239,
97.1385


 35.9353, 22.9239,
97.1385


320.1138,
267.3339, 572.1470

 24.5541, 14.5373,
73.3094

 68.2567, 48.2683,
159.2366


 15.8721, 8.4953,
53.7357


 89.9276, 65.9950,
198.3428

 9.5240, 4.4135,
37.9986


 115.7592, 87.6038,
243.3784

 5.1443, 1.9075,
25.6798

 146.1168,
113.4792, 294.7620

 2.3678, 0.5529,
16.3606

181.3656,
144.0054, 352.9121

 0.8290, 0.0000,
9.6226

221.8712,

 0.0000, 0.0000,

179.5671, 418.2473

5.0471

267.9988,
220.5484, 491.1861

■ 0.0000, 0.0000,
2.2157

■ 0.0000, 0.0000,
0.6834

■ 35.9353, 22.9239,
97.1385

■ 35.9353, 22.9239,
97.1385

■ 31.0079, 17.3884,
96.3297

■ 42.0436, 30.1962,
98.2203

■ 27.1667, 13.4289,
95.7679

■ 49.4106, 39.3417,
99.5972

■ 24.3047, 10.8563,
95.4222

■ 58.1107, 50.4852,
101.2896

■ 22.5224, 9.5256,
95.2593

■ 68.2108, 63.7401,
103.3157

■ 79.7733, 79.2109,
105.6925

■ 92.8567, 96.9952,
108.4356

■ 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.



24.6926, 22.9239, 127.6867



35.9353, 22.9239, 97.1385



44.8178, 22.9239, 51.0460

Triad

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



35.9353, 22.9239, 97.1385



29.6160, 22.9239, 0.8148



7.8240, 22.9239, 33.8119

Complementary

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



35.9353, 22.9239, 97.1385



61.2524, 84.4071, 24.6194

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.



8.4147, 22.9239, 9.7371



35.9353, 22.9239, 97.1385



19.1215, 22.9239, 0.4413

Square

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



35.9353, 22.9239, 97.1385



40.4643, 22.9239, 4.0687



11.9479, 22.9239, 1.9440



9.9790, 22.9239, 76.6838

Rectangle

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



35.9353, 22.9239, 97.1385



47.0153, 22.9239, 26.5428



11.9479, 22.9239, 1.9440



7.7253, 22.9239, 23.4419

Sweetspot

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



35.9363, 22.9246, 97.1386



72.1656, 69.0009, 104.1227



43.7531, 51.1486, 102.1744



14.7531, 13.8462, 22.1450



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.



35.9363, 22.9246, 97.1386



29.9775, 16.2870, 96.1715



55.5183, 33.0195, 98.0550



17.6256, 17.6987, 22.7372



11.9171, 5.0540, 49.7820



1.2750, 0.5512, 4.8525

Inverse Universe

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



55.8004, 34.0726, 57.0595



52.1205, 28.7575, 49.5295



45.9273, 76.5067, 23.9022



18.4964, 18.1819, 21.2311



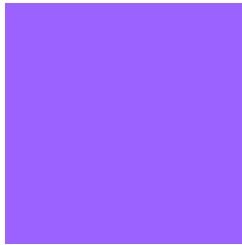
25.0499, 12.5093, 19.4450



2.4915, 1.2390, 2.1695

Previews

White Background



This preview shows how the XYZ color 35.9353, 22.9239, 97.1385 looks on a white background.

Color Contrast Check

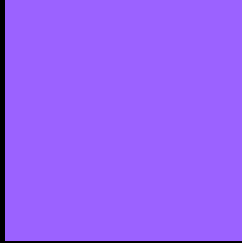
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9353, 22.9239, 97.1385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

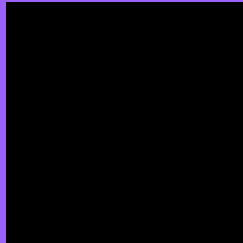
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9353, 22.9239, 97.1385

Background



This preview shows how black text looks on a background with the XYZ color 35.9353, 22.9239, 97.1385.

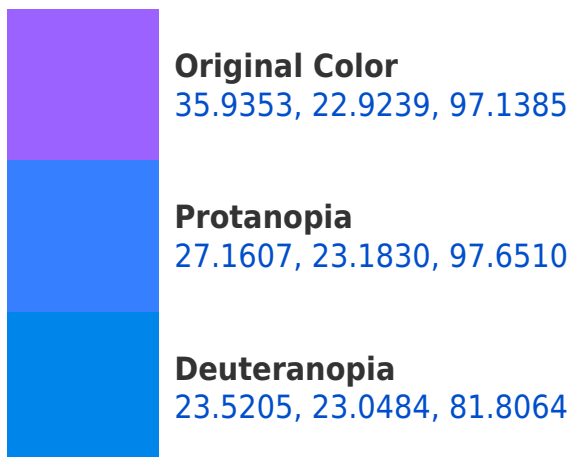


This preview shows how white text looks on a background with the XYZ color 35.9353, 22.9239,

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





Tritanopia

22.1299, 22.9015, 28.4534

Trichromacy



Original Color

35.9353, 22.9239, 97.1385

Protanomaly

28.6098, 21.9349, 97.3337

Deuteranomaly

24.4953, 20.9263, 86.7525

Tritanomaly

25.6878, 22.0600, 47.1601

Monochromacy



Original Color

35.9353, 22.9239, 97.1385

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.6368, 22.2700, 44.5423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9353, 22.9239, 97.1385 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, 98, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 98, 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(155, 98, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 98, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.9353, 22.9239, 97.1385 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, 98, 255) }
```


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

```
.border{ border-color:rgb(155, 98, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 98, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 98, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 98, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 98,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9353, 22.9239, 97.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 98, 255) }
```

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

```
.background{ background-color: rgb(155, 98,  
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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