

Converting Colors

XYZ(46.5747, 26.6407,
157.5542)

Have a look what the booklet for
XYZ(46.5747, 26.6407, 157.5542)
contains.

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Color

**XYZ(35.0911, 22.0798,
97.0201)**

Conversions

Conversions Part 1

Format	Color
Hex	985FFF
RGB	152, 95, 255
RGB Percent	60%, 37%, 100%
CMY	0.4039, 0.6274, 0.0000
CMYK	0.40, 0.63, 0.00, 0.00
HSL	261°, 100%, 69%
HSV	261°, 63%, 100%
XYZ	35.0911, 22.0798, 97.0201
YIQ	130.2830, -17.3880, 61.8440

Conversions

Conversions Part 2

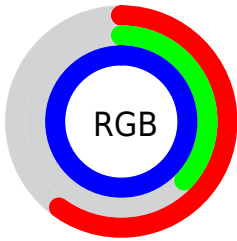
Format	Color
R _Y B	152, 95, 255
Decimal	9986047
CIE Lab	54.11, 56.49, -71.57
CIE LCh	54, 91.179, 308.282
Yxy	22.0798, 0.2276, 0.1432
Android (android.graphics.Color)	4288176127 (0xFF985FFF)
YUV	130.2830, 61.4855, 19.0458
Hunter-Lab	46.9891, 51.0713, -89.5257

Details

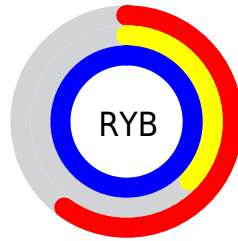
The XYZ color **35.0911, 22.0798, 97.0201** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **61.1135, 84.3516, 23.8872**, and the grayscale version is **21.1126, 22.2121, 24.1890**.

A 20% lighter version of the original color is **55.7913, 42.3969, 99.8506**, and **15.3556, 8.0343, 53.5648** is the 20% darker color. If you saturate the color by 10%, you get **30.2959, 16.7381, 96.2418**, and if you desaturate by 10%, it is **41.0648, 29.1448, 98.0689**.

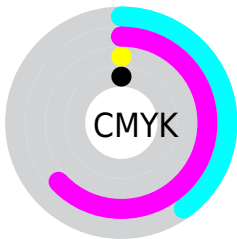
Distribution



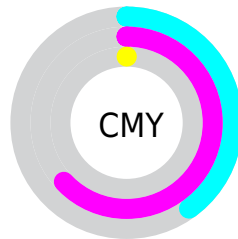
- Red (60%)
- Green (37%)
- Blue (100%)



- Red (60%)
- Yellow (37%)
- Blue (100%)



- Cyan (40%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0911, 22.0798, 97.0201 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 35.0911, 22.0798, 97.0201 by changing the saturation by 10% instead.

 35.0911, 22.0798,
97.0201


 35.0911, 22.0798,
97.0201


316.4712,
262.9627, 571.7608


 23.8999, 13.9155,
73.2113


 66.9600, 46.8779,
159.0720

 15.3837, 8.0619,
53.6559


 88.3683, 64.2804,
198.1522

 9.1772, 4.1346,
37.9353


 113.9132, 85.5313,
243.1600

 4.9150, 1.7491,
25.6310

 143.9598,
111.0147, 294.5138

 2.2317, 0.4552,
16.3245

178.8735,
141.1152, 352.6323

 0.7594, 0.0000,
9.5973

219.0198,

 0.0000, 0.0000,

176.2171, 417.9339

5.0307

264.7639,
216.7048, 490.8372

■ 0.0000, 0.0000,
2.2062

■ 0.0000, 0.0000,
0.6779

■ 35.0911, 22.0798,
97.0201

■ 35.0911, 22.0798,
97.0201

■ 30.2959, 16.7381,
96.2418

■ 41.0648, 29.1448,
98.0689

■ 26.5824, 12.9558,
95.7074

■ 48.2968, 38.0719,
99.4108

■ 23.8405, 10.5384,
95.3853

■ 56.8623, 48.9877,
101.0663

■ 22.3496, 9.4365,
95.2512

■ 66.8298, 62.0069,
103.0540

■ 78.2625, 77.2352,
105.3907

■ 91.2197, 94.7711,
108.0926

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.



23.8429, 22.0798, 128.0559



35.0911, 22.0798, 97.0201



44.0417, 22.0798, 50.3140

Triad

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



35.0911, 22.0798, 97.0201



28.8294, 22.0798, 0.6005



7.2426, 22.0798, 32.7591

Complementary

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



35.0911, 22.0798, 97.0201



61.1135, 84.3516, 23.8872

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.



7.8234, 22.0798, 9.0063



35.0911, 22.0798, 97.0201



18.3673, 22.0798, 0.2144

Square

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



35.0911, 22.0798, 97.0201



39.7074, 22.0798, 3.6342



11.2807, 22.0798, 1.6317



9.3279, 22.0798, 75.9469

Rectangle

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



35.0911, 22.0798, 97.0201



46.2747, 22.0798, 25.7098



11.2807, 22.0798, 1.6317



7.1497, 22.0798, 22.4463

Sweetspot

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



35.0921, 22.0805, 97.0201



70.9360, 67.4451, 103.8872



43.1930, 50.5000, 102.0787



14.5079, 13.5409, 22.0989



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.



35.0921, 22.0805, 97.0201



29.3674, 15.7551, 96.1009



55.0974, 32.3936, 97.9564



17.6137, 17.6926, 22.7366



11.8250, 5.0065, 49.7777



1.2651, 0.5461, 4.8520

Inverse Universe

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



55.5250, 33.5217, 56.9680



52.0143, 28.4806, 49.6926



45.4335, 76.2683, 23.1534



18.5018, 18.1840, 21.2597



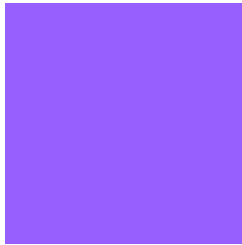
25.1310, 12.5417, 19.8722



2.4990, 1.2420, 2.2093

Previews

White Background



This preview shows how the XYZ color 35.0911, 22.0798, 97.0201 looks on a white background.

Color Contrast Check

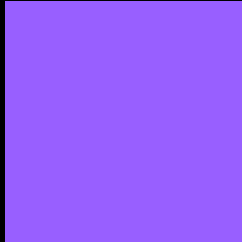
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0911, 22.0798, 97.0201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

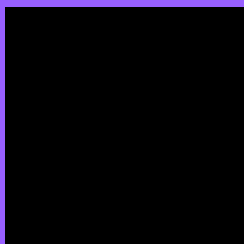
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0911, 22.0798, 97.0201

Background



This preview shows how black text looks on a background with the XYZ color 35.0911, 22.0798, 97.0201.



This preview shows how white text looks on a background with the XYZ color 35.0911, 22.0798,

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

35.0911, 22.0798, 97.0201

Protanopia

26.4223, 22.4227, 97.5431

Deuteranopia

22.6751, 22.2721, 78.7051



Tritanopia

21.1146, 22.0002, 27.5597

Trichromacy



Original Color

35.0911, 22.0798, 97.0201



Protanomaly

27.6346, 21.0936, 97.2227



Deuteranomaly

23.9006, 20.2971, 85.0961



Tritanomaly

24.6935, 21.2097, 46.5085

Monochromacy



Original Color

35.0911, 22.0798, 97.0201



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

24.5804, 21.2210, 43.3580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0911, 22.0798, 97.0201 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(152, 95, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 95, 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(152, 95, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 95, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.0911, 22.0798, 97.0201 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(152, 95, 255) }
```


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

```
.border{ border-color:rgb(152, 95, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 95, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 95, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 95, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 95,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0911, 22.0798, 97.0201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 95, 255) }
```

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

```
.background{ background-color: rgb(152, 95,  
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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