

Converting Colors

XYZ(35.3320, 22.4763, 97.0839)

Have a look what the booklet for
XYZ(35.3320, 22.4763, 97.0839)
contains.

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Color

**XYZ(35.2736, 22.4448,
97.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	9861FF
RGB	152, 97, 255
RGB Percent	60%, 38%, 100%
CMY	0.4039, 0.6196, 0.0000
CMYK	0.40, 0.62, 0.00, 0.00
HSL	261°, 100%, 69%
HSV	261°, 62%, 100%
XYZ	35.2736, 22.4448, 97.0809
YIQ	131.4570, -17.9380, 60.7980

Conversions

Conversions Part 2

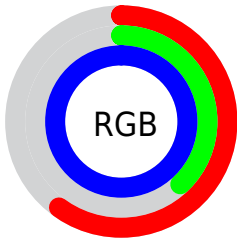
Format	Color
R_{YB}	152, 97, 255
Decimal	9986559
CIE _{Lab}	54.50, 55.45, -70.95
CIE _{LCh}	54, 90.050, 308.010
Yxy	22.4448, 0.2279, 0.1450
Android (android.graphics.Color)	4288176639 (0xFF9861FF)
YUV	131.4570, 60.9067, 18.0162
Hunter-Lab	47.3759, 49.9937, -88.3316

Details

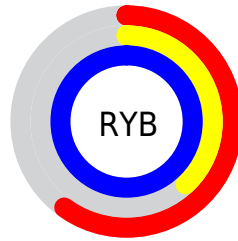
The XYZ color **35.2736, 22.4448, 97.0809** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **61.7363, 84.6620, 24.3972**, and the grayscale version is **21.5311, 22.6524, 24.6684**.

A 20% lighter version of the original color is **56.1077, 43.0297, 99.9561**, and **15.4687, 8.2605, 53.6025** is the 20% darker color. If you saturate the color by 10%, you get **30.3885, 16.9731, 96.2822**, and if you desaturate by 10%, it is **41.3536, 29.6564, 98.1524**.

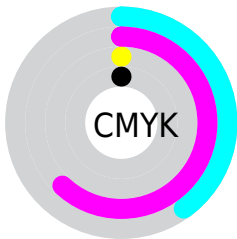
Distribution



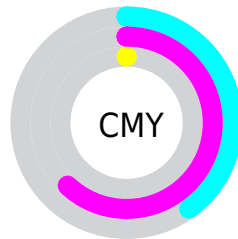
- Red (60%)
- Green (38%)
- Blue (100%)



- Red (60%)
- Yellow (38%)
- Blue (100%)



- Cyan (40%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2736, 22.4448, 97.0809 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 35.2736, 22.4448, 97.0809 by changing the saturation by 10% instead.


 35.2736, 22.4448,
97.0809


 35.2736, 22.4448,
97.0809


317.2612,
264.8604, 571.9591


 24.0412, 14.1841,
73.2617


 67.2406, 47.4801,
159.1566


 15.4891, 8.2488,
53.6968


 88.7060, 65.0234,
198.2501

 9.2519, 4.2546,
37.9678


 114.3130, 86.4298,
243.2721

 4.9643, 1.8170,
25.6561

 144.4272,
112.0835, 294.6413

 2.2609, 0.4977,
16.3431

179.4137,
142.3691, 352.7760

 0.7745, 0.0000,
9.6103

219.6380,

 0.0000, 0.0000,

177.6708, 418.0948

5.0391

265.4654,
218.3731, 491.0164

■ 0.0000, 0.0000,
2.2111

■ 0.0000, 0.0000,
0.6808

■ 35.2736, 22.4448,
97.0809

■ 35.2736, 22.4448,
97.0809

■ 30.3885, 16.9731,
96.2822

■ 41.3536, 29.6564,
98.1524

■ 26.6018, 13.0790,
95.7302

■ 48.7081, 38.7457,
99.5192

■ 23.8040, 10.5709,
95.3935

■ 57.4127, 49.8387,
101.2016

■ 22.1479, 9.3326,
95.2418

■ 67.5357, 63.0495,
103.2180

■ 79.1408, 78.4837,
105.5854

■ 92.2874, 96.2394,
108.3197

■ 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.



24.0865, 22.4448, 127.3400



35.2736, 22.4448, 97.0809



44.1950, 22.4448, 50.9426

Triad

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



35.2736, 22.4448, 97.0809



29.2524, 22.4448, 0.7312



7.5242, 22.4448, 32.8156

Complementary

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



35.2736, 22.4448, 97.0809



61.7363, 84.6620, 24.3972

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.



8.1365, 22.4448, 9.2199



35.2736, 22.4448, 97.0809



18.7980, 22.4448, 0.3346

Square

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



35.2736, 22.4448, 97.0809



40.0378, 22.4448, 3.9293



11.6554, 22.4448, 1.7626



9.6071, 22.4448, 75.4689

Rectangle

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



35.2736, 22.4448, 97.0809



46.4563, 22.4448, 26.3741



11.6554, 22.4448, 1.7626



7.4379, 22.4448, 22.6002

Sweetspot

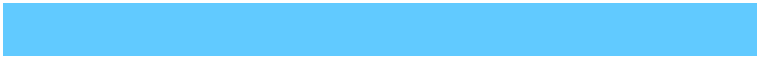
The Sweet Spot groups the original color and five complimentary colors.



35.2746, 22.4455, 97.0810



70.8139, 67.3821, 103.8815



44.1789, 52.1594, 102.3470



14.4786, 13.5258, 22.0976



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.



35.2746, 22.4455, 97.0810



29.5301, 16.0564, 96.1505



54.5317, 32.3729, 97.9822



17.5994, 17.6852, 22.7359



11.7175, 4.9511, 49.7727



1.2535, 0.5401, 4.8515

Inverse Universe

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



55.9398, 33.9796, 58.2521



52.4247, 28.8791, 51.1313



46.1341, 76.6188, 23.6670



18.5083, 18.1866, 21.2939



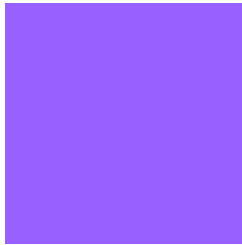
25.2295, 12.5811, 20.3908



2.5082, 1.2456, 2.2574

Previews

White Background



This preview shows how the XYZ color 35.2736, 22.4448, 97.0809 looks on a white background.

Color Contrast Check

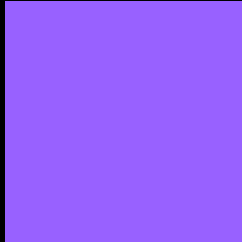
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2736, 22.4448, 97.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

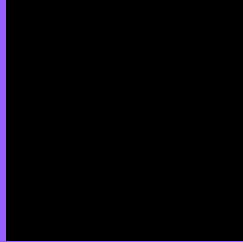
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2736, 22.4448, 97.0809

Background



This preview shows how black text looks on a background with the XYZ color 35.2736, 22.4448, 97.0809.



This preview shows how white text looks on a background with the XYZ color 35.2736, 22.4448,

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

35.2736, 22.4448, 97.0809

Protanopia

26.7775, 22.7947, 97.5962

Deuteranopia

23.0955, 22.6582, 80.2470



Tritanopia

21.3204, 22.2943, 27.9905

Trichromacy



Original Color

35.2736, 22.4448, 97.0809



Protanomaly

28.0185, 21.4599, 97.2732



Deuteranomaly

24.1692, 20.5960, 85.9207



Tritanomaly

24.9136, 21.4852, 47.0899

Monochromacy



Original Color

35.2736, 22.4448, 97.0809



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

25.0808, 21.8172, 43.9635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2736, 22.4448, 97.0809 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, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 97, 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, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 97, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.2736, 22.4448, 97.0809 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, 97, 255) }
```


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

```
.border{ border-color:rgb(152, 97, 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, 97, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 97,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2736, 22.4448, 97.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 97, 255) }
```

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

```
.background{ background-color: rgb(152, 97,  
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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