

Converting Colors

XYZ(39.4300, 24.1747,
125.5782)

Have a look what the booklet for
XYZ(39.4300, 24.1747, 125.5782)
contains.

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Color

**XYZ(34.0134, 22.0730,
97.0755)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9063FF |
| RGB | 144, 99, 255 |
| RGB Percent | 56%, 39%, 100% |
| CMY | 0.4353, 0.6118, 0.0000 |
| CMYK | 0.44, 0.61, 0.00, 0.00 |
| HSL | 257°, 100%, 69% |
| HSV | 257°, 61%, 100% |
| XYZ | 34.0134, 22.0730, 97.0755 |
| YIQ | 130.2390, -23.2560, 58.0560 |

Conversions

Conversions Part 2

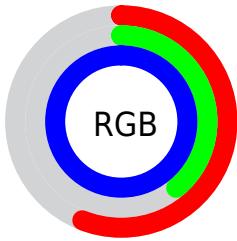
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 144, 99, 255 |
| Decimal | 9462783 |
| CIE _{Lab} | 54.10, 52.81, -71.62 |
| CIE _{LCh} | 54, 88.986, 306.402 |
| Y _{xy} | 22.0730, 0.2221, 0.1441 |
| Android (android.graphics.Color) | 4287652863 (0xFF9063FF) |
| YUV | 130.2390, 61.5072, 12.0684 |
| Hunter-Lab | 46.9819, 47.0099, -89.6195 |

Details

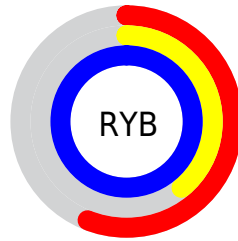
The XYZ color **34.0134, 22.0730, 97.0755** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **64.5897, 86.1221, 25.0237**, and the grayscale version is **21.0986, 22.1974, 24.1729**.

A 20% lighter version of the original color is **54.1801, 42.5138, 99.9581**, and **14.7436, 8.0668, 53.6033** is the 20% darker color. If you saturate the color by 10%, you get **29.0493, 16.4763, 96.2569**, and if you desaturate by 10%, it is **40.2511, 29.4582, 98.1723**.

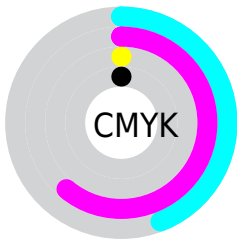
Distribution



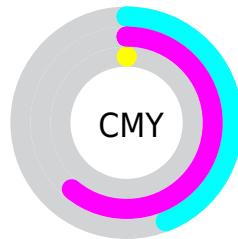
- Red (56%)
- Green (39%)
- Blue (100%)



- Red (56%)
- Yellow (39%)
- Blue (100%)



- Cyan (44%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0134, 22.0730, 97.0755 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 34.0134, 22.0730, 97.0755 by changing the saturation by 10% instead.

 34.0134, 22.0730,
97.0755


 34.0134, 22.0730,
97.0755


311.7767,
262.9273, 571.9415

 23.0668, 13.9105,
73.2572


 65.2987, 46.8666,
159.1490


 14.7638, 8.0585,
53.6932


 86.3681, 64.2666,
198.2414

 8.7390, 4.1324,
37.9649


 111.5424, 85.5145,
243.2622

 4.6271, 1.7479,
25.6539

 141.1872,
110.9948, 294.6299

 2.0627, 0.4544,
16.3414

175.6676,
141.0918, 352.7632

 0.6688, 0.0000,
9.6091

215.3491,

 0.0000, 0.0000,

176.1899, 418.0805

5.0384

260.5970,
216.6736, 491.0005

■ 0.0000, 0.0000,
2.2107

■ 0.0000, 0.0000,
0.6805

■ 34.0134, 22.0730,
97.0755

■ 34.0134, 22.0730,
97.0755

■ 29.0493, 16.4763,
96.2569

■ 40.2511, 29.4582,
98.1723

■ 25.2570, 12.5045,
95.6902

■ 47.8470, 38.7715,
99.5696

■ 22.5217, 9.9655,
95.3443

■ 56.8815, 50.1406,
101.2879

■ 20.8405, 8.6586,
95.1806

■ 67.4273, 63.6813,
103.3457

■ 79.5525, 79.5009,
105.7601

■ 93.3203, 97.6994,
108.5471

■ 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.



23.1150, 22.0730, 124.7911



34.0134, 22.0730, 97.0755



42.9604, 22.0730, 52.1613

Triad

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



34.0134, 22.0730, 97.0755



29.3086, 22.0730, 0.8207



7.4251, 22.0730, 30.4518

Complementary

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



34.0134, 22.0730, 97.0755



64.5897, 86.1221, 25.0237

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.



8.1661, 22.0730, 8.4315



34.0134, 22.0730, 97.0755



18.9801, 22.0730, 0.3392

Square

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



34.0134, 22.0730, 97.0755



39.7132, 22.0730, 4.2910



11.7906, 22.0730, 1.6256



9.3182, 22.0730, 71.3028

Rectangle

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



34.0134, 22.0730, 97.0755



45.4473, 22.0730, 27.5212



11.7906, 22.0730, 1.6256



7.3856, 22.0730, 20.8541

Sweetspot

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



34.0144, 22.0737, 97.0756



71.1039, 68.4536, 104.0730



46.4405, 56.3622, 103.0391



14.4968, 13.7141, 22.1330



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.



34.0144, 22.0737, 97.0756



28.2732, 15.6357, 96.1356



52.3918, 31.5476, 97.9357



17.4952, 17.6315, 22.7311



11.0165, 4.5897, 49.7399



1.1751, 0.4997, 4.8478

Inverse Universe

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



57.3345, 34.8370, 64.6731



53.9367, 29.7289, 58.3382



47.6537, 77.3913, 24.2312



18.5561, 18.2058, 21.5458



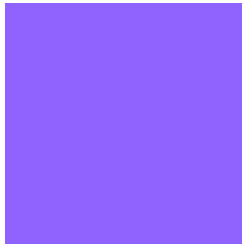
25.9982, 12.8886, 24.4389



2.5787, 1.2739, 2.6290

Previews

White Background



This preview shows how the XYZ color 34.0134, 22.0730, 97.0755 looks on a white background.

Color Contrast Check

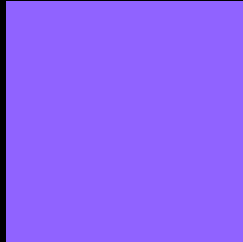
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0134, 22.0730, 97.0755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

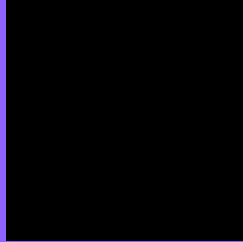
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0134, 22.0730, 97.0755

Background



This preview shows how black text looks on a background with the XYZ color 34.0134, 22.0730, 97.0755.



This preview shows how white text looks on a background with the XYZ color 34.0134, 22.0730,

97.0755.

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

34.0134, 22.0730, 97.0755

Protanopia

26.4223, 22.4227, 97.5431

Deuteranopia

22.5342, 22.2157, 77.9633



Tritanopia

20.2012, 21.8986, 28.7533

Trichromacy



Original Color

34.0134, 22.0730, 97.0755



Protanomaly

27.6037, 21.4163, 97.2866



Deuteranomaly

23.7126, 20.3950, 84.3482



Tritanomaly

23.7483, 21.0482, 47.6108

Monochromacy



Original Color

34.0134, 22.0730, 97.0755



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

24.3264, 21.4397, 43.4136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0134, 22.0730, 97.0755 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(144, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 99, 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(144, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 99, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.0134, 22.0730, 97.0755 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(144, 99, 255) }
```


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

```
.border{ border-color:rgb(144, 99, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 99, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 99, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 99, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 99,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0134, 22.0730, 97.0755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 99, 255) }
```

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

```
.background{ background-color: rgb(144, 99,  
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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