

Converting Colors

XYZ(35.7064, 24.9581,
104.4122)

Have a look what the booklet for
XYZ(35.7064, 24.9581, 104.4122)
contains.

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Color

**XYZ(34.4364, 24.4335,
97.5089)**

Conversions

Conversions Part 1

Format	Color
Hex	8A71FF
RGB	138, 113, 255
RGB Percent	54%, 44%, 100%
CMY	0.4588, 0.5569, 0.0000
CMYK	0.46, 0.56, 0.00, 0.00
HSL	251°, 100%, 72%
HSV	251°, 56%, 100%
XYZ	34.4364, 24.4335, 97.5089
YIQ	136.6630, -30.6820, 49.4620

Conversions

Conversions Part 2

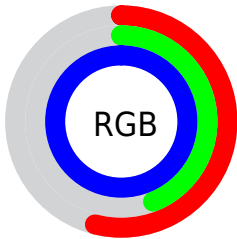
Format	Color
R_{YB}	138, 113, 255
Decimal	9073151
CIE _{Lab}	56.52, 43.87, -67.75
CIE _{LCh}	57, 80.707, 302.923
Yxy	24.4335, 0.2202, 0.1562
Android (android.graphics.Color)	4287263231 (0xFF8A71FF)
YUV	136.6630, 58.3401, 1.1725
Hunter-Lab	49.4303, 37.8520, -82.3576

Details

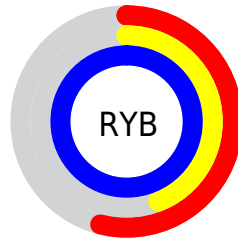
The XYZ color **34.4364, 24.4335, 97.5089** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **71.3723, 89.5345, 29.1433**, and the grayscale version is **23.4473, 24.6683, 26.8638**.

A 20% lighter version of the original color is **54.7122, 46.3628, 100.6730**, and **14.9720, 9.2758, 53.8246** is the 20% darker color. If you saturate the color by 10%, you get **28.8345, 17.8994, 96.5429**, and if you desaturate by 10%, it is **41.5117, 32.9136, 98.7728**.

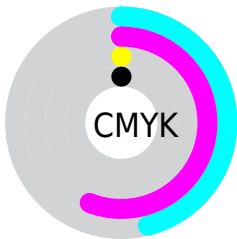
Distribution



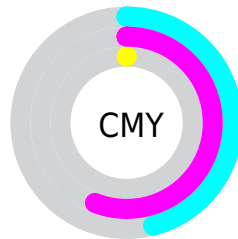
- Red (54%)
- Green (44%)
- Blue (100%)



- Red (54%)
- Yellow (44%)
- Blue (100%)



- Cyan (46%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4364, 24.4335, 97.5089 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 34.4364, 24.4335, 97.5089 by changing the saturation by 10% instead.

 34.4364, 24.4335,
97.5089

 34.4364, 24.4335,
97.5089


313.6254,
275.0048, 573.3544

 23.3935, 15.6555,
73.6165


 65.9515, 50.7367,
159.7515


 15.0066, 9.2807,
53.9853


 87.1545, 69.0307,
198.9388

 8.9104, 4.9247,
38.1968


 112.4749, 91.2654,
244.0614

 4.7394, 2.2032,
25.8325

 142.2780,
117.8254, 295.5380

 2.1284, 0.7217,
16.4737

176.9293,
149.0949, 353.7871

 0.7046, 0.0000,
9.7020

216.7940,

 0.0000, 0.0000,

185.4584, 419.2271

5.0988

262.2376,
227.3002, 492.2767

■ 0.0000, 0.0000,
2.2456

■ 0.0000, 0.0000,
0.7005

■ 34.4364, 24.4335,
97.5089

■ 34.4364, 24.4335,
97.5089

■ 28.8345, 17.8994,
96.5429

■ 41.5117, 32.9136,
98.7728

■ 24.5951, 13.1514,
95.8499

■ 50.1539, 43.4776,
100.3564

■ 21.5960, 10.0072,
95.4011

■ 60.4523, 56.2535,
102.2796

■ 19.6892, 8.2427,
95.1610

■ 72.4885, 71.3580,
104.5607

■ 19.1279, 7.7757,
95.1004

■ 86.3387, 88.8999,
107.2166

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.



24.1528, 24.4335, 118.3477



34.4364, 24.4335, 97.5089



43.2043, 24.4335, 57.6182

Triad

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



34.4364, 24.4335, 97.5089



32.4113, 24.4335, 2.0461



9.4926, 24.4335, 29.3187

Complementary

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



34.4364, 24.4335, 97.5089



71.3723, 89.5345, 29.1433

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.



10.6066, 24.4335, 9.3693



34.4364, 24.4335, 97.5089



22.3180, 24.4335, 1.1938

Square

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



34.4364, 24.4335, 97.5089



41.8315, 24.4335, 7.2782



14.7542, 24.4335, 2.5590



11.1600, 24.4335, 65.5764

Rectangle

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



34.4364, 24.4335, 97.5089



46.0392, 24.4335, 33.4688



14.7542, 24.4335, 2.5590



9.5554, 24.4335, 20.7484

Sweetspot

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



34.4374, 24.4342, 97.5090



70.8049, 69.2362, 104.2399



53.5295, 68.0695, 104.9252



14.6171, 14.1424, 22.2093



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.



34.4374, 24.4342, 97.5090



28.2020, 17.1771, 96.4369



49.8741, 32.3922, 98.2314



17.3012, 17.5315, 22.7220



10.0806, 4.1072, 49.6961



1.0593, 0.4400, 4.8424

Inverse Universe

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



61.4275, 38.7834, 79.1079



58.0010, 33.0556, 74.4968



53.3048, 80.2203, 28.2977



18.6473, 18.2422, 22.0258



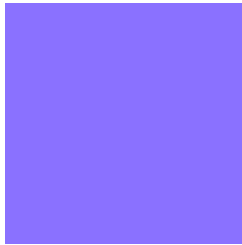
27.6836, 13.5627, 33.3141



2.7298, 1.3343, 3.4247

Previews

White Background



This preview shows how the XYZ color 34.4364, 24.4335, 97.5089 looks on a white background.

Color Contrast Check

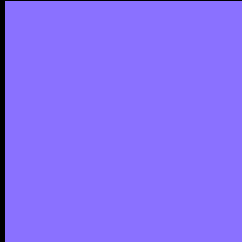
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4364, 24.4335, 97.5089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

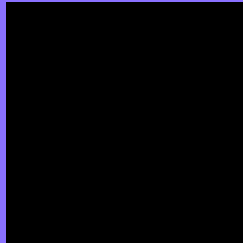
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4364, 24.4335, 97.5089

Background



This preview shows how black text looks on a background with the XYZ color 34.4364, 24.4335, 97.5089.



This preview shows how white text looks on a background with the XYZ color 34.4364, 24.4335,

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

34.4364, 24.4335, 97.5089

Protanopia

28.4810, 24.6459, 97.8638

Deuteranopia

25.2661, 24.6480, 88.2199



Tritanopia

21.3944, 24.3055, 32.8420

Trichromacy



Original Color

34.4364, 24.4335, 97.5089

Protanomaly

29.7719, 23.9625, 97.6638

Deuteranomaly

25.9542, 23.0940, 91.0853

Tritanomaly

24.9137, 23.6325, 51.3925

Monochromacy



Original Color

34.4364, 24.4335, 97.5089

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.2739, 24.0520, 46.4377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4364, 24.4335, 97.5089 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(138, 113, 255)` looks like.

```
.text, #text, p{  
  color:rgb(138, 113, 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(138, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 113, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.4364, 24.4335, 97.5089 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(138, 113, 255) }
```


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

```
.border{ border-color:rgb(138, 113, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 113, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 113,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4364, 24.4335, 97.5089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 113, 255) }
```

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

```
.background{ background-color: rgb(138,  
113, 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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