

Converting Colors

XYZ(35.0136, 24.0150, 94.0571)

Have a look what the booklet for
XYZ(35.0136, 24.0150, 94.0571)
contains.

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Color

**XYZ(34.9879, 23.9861,
94.0525)**

Conversions

Conversions Part 1

Format	Color
Hex	946CFB
RGB	148, 108, 251
RGB Percent	58%, 42%, 98%
CMY	0.4196, 0.5765, 0.0157
CMYK	0.41, 0.57, 0.00, 0.02
HSL	257°, 95%, 70%
HSV	257°, 57%, 98%
XYZ	34.9879, 23.9861, 94.0525
YIQ	136.2620, -22.0630, 52.9530

Conversions

Conversions Part 2

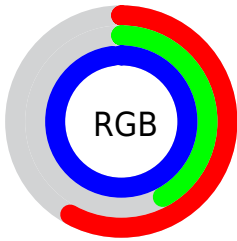
Format	Color
RYB	148, 108, 251
Decimal	9727227
CIELab	56.07, 47.68, -66.21
CIELCh	56, 81.588, 305.759
Yxy	23.9861, 0.2286, 0.1567
Android (android.graphics.Color)	4287917307 (0xFF946CFB)
YUV	136.2620, 56.5658, 10.2942
Hunter-Lab	48.9756, 41.8121, -79.5773

Details

The XYZ color **34.9879, 23.9861, 94.0525** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **64.0676, 83.9261, 27.0105**, and the grayscale version is **23.3014, 24.5149, 26.6967**.

A 20% lighter version of the original color is **56.5270, 45.9751, 100.5025**, and **15.2585, 9.0002, 51.3851** is the 20% darker color. If you saturate the color by 10%, you get **29.6930, 17.8765, 93.1528**, and if you desaturate by 10%, it is **41.5575, 31.8840, 95.2312**.

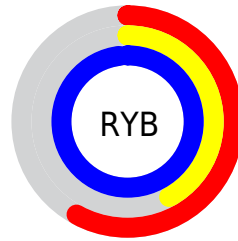
Distribution



Red (58%)

Green (42%)

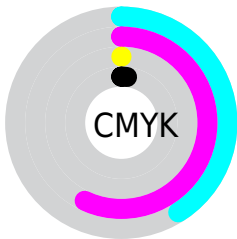
Blue (98%)



Red (58%)

Yellow (42%)

Blue (98%)

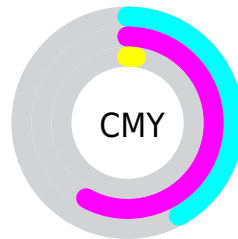


Cyan (41%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (42%)


Magenta (58%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9879, 23.9861, 94.0525 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 34.9879, 23.9861, 94.0525 by changing the saturation by 10% instead.


 34.9879, 23.9861,
94.0525


 34.9879, 23.9861,
94.0525


316.0239,
272.7502, 562.0339


 23.8200, 15.3233,
70.7541


 66.8012, 50.0075,
154.9392


 15.3242, 9.0466,
51.6609


 88.1773, 68.1349,
193.3647

 9.1350, 4.7716,
36.3545


 113.6868, 90.1860,
237.6695

 4.8872, 2.1139,
24.4163

 143.6952,
116.5452, 288.2723

 2.2153, 0.6724,
15.4276

178.5677,
147.5967, 345.5916

 0.7508, 0.0000,
8.9701

218.6698,

 0.0000, 0.0000,

183.7252, 410.0459

4.6251

264.3667,
225.3149, 482.0538

■ 0.0000, 0.0000,
1.9742

■ 0.0000, 0.0000,
0.5393

■ 34.9879, 23.9861,
94.0525

■ 34.9879, 23.9861,
94.0525

■ 29.6930, 17.8765,
93.1528

■ 41.5575, 31.8840,
95.2312

■ 25.5784, 13.4060,
92.5068

■ 49.4799, 41.6981,
96.7079

■ 22.5407, 10.4038,
92.0874

■ 58.8307, 53.5469,
98.5022

■ 20.4511, 8.6539,
91.8598

■ 69.6785, 67.5386,
100.6311

■ 19.9540, 8.2752,
91.8129

■ 82.0874, 83.7736,
103.1107

■ 94.4127, 99.7451,
105.5439

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.6482, 23.9861, 118.0147



34.9879, 23.9861, 94.0525



43.4114, 23.9861, 53.4433

Triad

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



34.9879, 23.9861, 94.0525



30.9968, 23.9861, 1.6882



9.1897, 23.9861, 31.6258

Complementary

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



34.9879, 23.9861, 94.0525



64.0676, 83.9261, 27.0105

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.



10.0288, 23.9861, 10.1777



34.9879, 23.9861, 94.0525



21.0429, 23.9861, 1.0888

Square

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



34.9879, 23.9861, 94.0525



40.7011, 23.9861, 6.1143



13.8301, 23.9861, 2.6635



11.1078, 23.9861, 69.1869

Rectangle

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



34.9879, 23.9861, 94.0525



45.8120, 23.9861, 30.1092



13.8301, 23.9861, 2.6635



9.1671, 23.9861, 22.4939

Sweetspot

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



34.9890, 23.9869, 94.0531



72.1774, 69.9438, 104.3041



47.3582, 57.6753, 99.9037



14.9379, 14.3078, 22.2243



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.



34.9890, 23.9869, 94.0531



30.2596, 17.9487, 96.4773



51.5796, 32.5397, 94.8295



16.7388, 16.8780, 21.7608



10.6098, 4.4122, 48.2660



1.0810, 0.4594, 4.4749

Inverse Universe

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



56.9043, 35.9379, 65.5642



55.4278, 31.7147, 61.9072



48.2515, 75.7725, 26.2703



17.7738, 17.4369, 20.6646



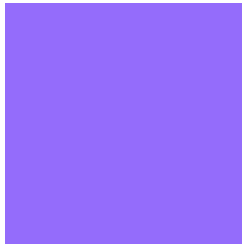
25.3497, 12.5556, 24.3475



2.3929, 1.1809, 2.4926

Previews

White Background



This preview shows how the XYZ color 34.9879, 23.9861, 94.0525 looks on a white background.

Color Contrast Check

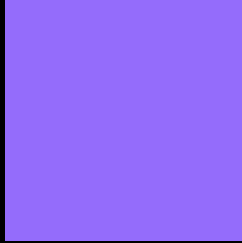
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9879, 23.9861, 94.0525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

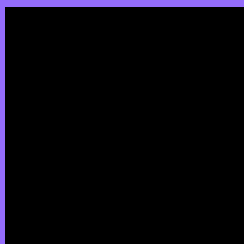
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.9879, 23.9861, 94.0525

Background



This preview shows how black text looks on a background with the XYZ color 34.9879, 23.9861, 94.0525.



This preview shows how white text looks on a background with the XYZ color 34.9879, 23.9861,

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

34.9879, 23.9861, 94.0525

Protanopia

28.1470, 24.2753, 97.8098

Deuteranopia

24.9727, 24.3021, 87.3790



Tritanopia

22.2390, 23.9259, 31.0498

Trichromacy



Original Color

34.9879, 23.9861, 94.0525



Protanomaly

29.5682, 23.5077, 96.7450



Deuteranomaly

25.4636, 22.2986, 89.3482



Tritanomaly

25.7335, 23.3300, 49.0458

Monochromacy



Original Color

34.9879, 23.9861, 94.0525



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

26.3120, 23.7115, 45.3095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9879, 23.9861, 94.0525 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(148, 108, 251)` looks like.

```
.text, #text, p{  
    color:rgb(148, 108, 251)  
}
```

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(148, 108, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 108, 251) }
```

Border

The CSS property to change the border of an element to XYZ 34.9879, 23.9861, 94.0525 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(148, 108, 251) }
```


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

```
.border{ border-color:rgb(148, 108, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 108, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 108, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 108, 251);  
box-shadow:4px 4px 4px 4px rgb(148, 108,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9879, 23.9861, 94.0525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 108, 251) }
```

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

```
.background{ background-color: rgb(148,  
108, 251) }
```

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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