

Converting Colors

XYZ(34.3710, 23.9215, 97.4135)

Have a look what the booklet for
XYZ(34.3710, 23.9215, 97.4135)
contains.

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Color

**XYZ(34.4411, 23.9473,
97.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6EFF
RGB	140, 110, 255
RGB Percent	55%, 43%, 100%
CMY	0.4510, 0.5686, 0.0000
CMYK	0.45, 0.57, 0.00, 0.00
HSL	252°, 100%, 72%
HSV	252°, 57%, 100%
XYZ	34.4411, 23.9473, 97.4148
YIQ	135.5000, -28.6650, 51.4550

Conversions

Conversions Part 2

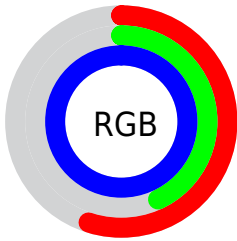
Format	Color
R _Y B	140, 110, 255
Decimal	9203455
CIE Lab	56.03, 45.97, -68.52
CIE LCh	56, 82.510, 303.858
Yxy	23.9473, 0.2211, 0.1537
Android (android.graphics.Color)	4287393535 (0xFF8C6EFF)
YUV	135.5000, 58.9135, 3.9465
Hunter-Lab	48.9360, 39.9902, -83.7709

Details

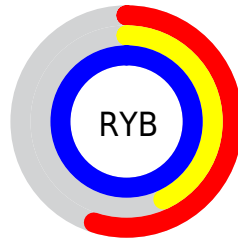
The XYZ color **34.4411, 23.9473, 97.4148** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **69.6248, 88.6528, 28.1943**, and the grayscale version is **23.0111, 24.2095, 26.3641**.

A 20% lighter version of the original color is **54.7004, 45.5565, 100.5180**, and **14.9712, 9.0310, 53.7774** is the 20% darker color. If you saturate the color by 10%, you get **28.9748, 17.6162, 96.4809**, and if you desaturate by 10%, it is **41.3270, 32.1853, 98.6420**.

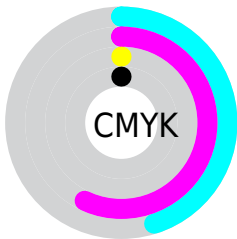
Distribution



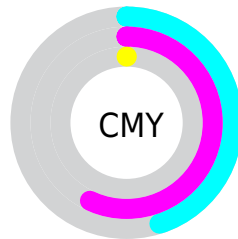
- Red (55%)
- Green (43%)
- Blue (100%)



- Red (55%)
- Yellow (43%)
- Blue (100%)



- Cyan (45%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4411, 23.9473, 97.4148 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 34.4411, 23.9473, 97.4148 by changing the saturation by 10% instead.

■ 34.4411, 23.9473,
97.4148

■ 34.4411, 23.9473,
97.4148

313.6459,
272.5539, 573.0478

■ 23.3972, 15.2945,
73.5385

■ 65.9588, 49.9442,
159.6207

■ 15.0093, 9.0264,
53.9219

■ 87.1632, 68.0571,
198.7874

■ 8.9123, 4.7584,
38.1465

■ 112.4852, 90.0922,
243.8880

■ 4.7407, 2.1062,
25.7937

■ 142.2901,
116.4338, 295.3409

■ 2.1291, 0.6681,
16.4450

176.9433,
147.4664, 353.5649

■ 0.7050, 0.0000,
9.6818

216.8101,

■ 0.0000, 0.0000,

183.5744, 418.9783

5.0857

262.2558,
225.1421, 491.9997

■ 0.0000, 0.0000,
2.2380

■ 0.0000, 0.0000,
0.6962

■ 34.4411, 23.9473,
97.4148

■ 34.4411, 23.9473,
97.4148

■ 28.9748, 17.6162,
96.4809

■ 41.3270, 32.1853,
98.6420

■ 24.8208, 13.0323,
95.8150

■ 49.7229, 42.4678,
100.1842

■ 21.8602, 10.0124,
95.3882

■ 59.7149, 54.9220,
102.0614

■ 19.9471, 8.3269,
95.1637

■ 71.3818, 69.6639,
104.2920

■ 19.5059, 7.9705,
95.1181

■ 84.7970, 86.8014,
106.8928

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.



24.0039, 23.9473, 119.8843



34.4411, 23.9473, 97.4148



43.2451, 23.9473, 56.3273

Triad

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



34.4411, 23.9473, 97.4148



31.7287, 23.9473, 1.7145



9.0328, 23.9473, 29.7294

Complementary

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



34.4411, 23.9473, 97.4148



69.6248, 88.6528, 28.1943

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.



10.0489, 23.9473, 9.2260



34.4411, 23.9473, 97.4148



21.5621, 23.9473, 0.9994

Square

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



34.4411, 23.9473, 97.4148



41.3993, 23.9473, 6.5160



14.0747, 23.9473, 2.3495



10.7734, 23.9473, 67.0651

Rectangle

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



34.4411, 23.9473, 97.4148



45.9888, 23.9473, 32.0395



14.0747, 23.9473, 2.3495



9.0669, 23.9473, 20.9001

Sweetspot

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



34.4421, 23.9480, 97.4149



71.2093, 69.4447, 104.2588



51.6770, 64.9280, 104.4164



14.7115, 14.1911, 22.2137



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.



34.4421, 23.9480, 97.4149



28.4380, 17.0097, 96.3921



50.6337, 32.2951, 98.1726



17.3541, 17.5588, 22.7245



10.2901, 4.2152, 49.7059



1.0871, 0.4544, 4.8437

Inverse Universe

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



60.4062, 37.8482, 75.3534



57.0292, 32.3552, 70.3399



51.8062, 79.4670, 27.3605



18.6222, 18.2322, 21.8934



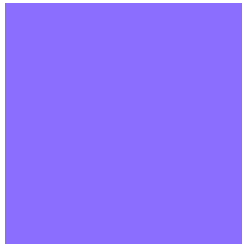
27.1898, 13.3652, 30.7136



2.6860, 1.3168, 3.1938

Previews

White Background



This preview shows how the XYZ color 34.4411, 23.9473, 97.4148 looks on a white background.

Color Contrast Check

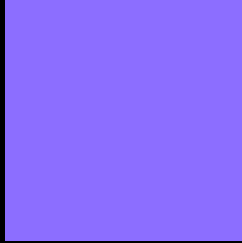
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4411, 23.9473, 97.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

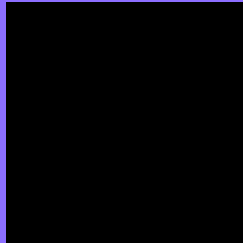
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4411, 23.9473, 97.4148

Background



This preview shows how black text looks on a background with the XYZ color 34.4411, 23.9473, 97.4148.



This preview shows how white text looks on a background with the XYZ color 34.4411, 23.9473,

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

34.4411, 23.9473, 97.4148

Protanopia

28.0825, 24.2420, 97.8068

Deuteranopia

24.8228, 24.2422, 86.5900



Tritanopia

21.1954, 23.7916, 31.9089

Trichromacy



Original Color

34.4411, 23.9473, 97.4148

Protanomaly

29.4473, 23.6101, 97.6129

Deuteranomaly

25.5892, 22.5364, 90.1900

Tritanomaly

24.8223, 23.2068, 50.7480

Monochromacy



Original Color

34.4411, 23.9473, 97.4148

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.0426, 23.7518, 45.8598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4411, 23.9473, 97.4148 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(140, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 110, 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(140, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 110, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.4411, 23.9473, 97.4148 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(140, 110, 255) }
```


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

```
.border{ border-color:rgb(140, 110, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 110, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 110,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4411, 23.9473, 97.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 110, 255) }
```

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

```
.background{ background-color: rgb(140,  
110, 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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