

Converting Colors

XYZ(34.5365, 24.9126, 93.4322)

Have a look what the booklet for
XYZ(34.5365, 24.9126, 93.4322)
contains.

XYZ(34.5414, 24.9144, 93.4309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.5414, 24.9144,
93.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	8E73FA
RGB	142, 115, 250
RGB Percent	56%, 45%, 98%
CMY	0.4431, 0.5490, 0.0196
CMYK	0.43, 0.54, 0.00, 0.02
HSL	252°, 93%, 72%
HSV	252°, 54%, 98%
XYZ	34.5414, 24.9144, 93.4309
YIQ	138.4630, -27.2430, 47.7090

Conversions

Conversions Part 2

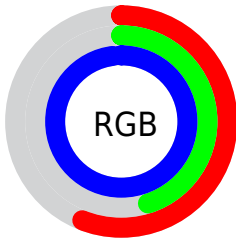
Format	Color
RYB	142, 115, 250
Decimal	9335802
CIELab	56.99, 42.19, -64.20
CIElCh	57, 76.826, 303.310
Yxy	24.9144, 0.2259, 0.1630
Android (android.graphics.Color)	4287525882 (0xFF8E73FA)
YUV	138.4630, 54.9877, 3.1019
Hunter-Lab	49.9143, 36.1744, -76.0405

Details

The XYZ color **34.5414, 24.9144, 93.4309** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **67.7111, 85.2970, 29.1154**, and the grayscale version is **24.1391, 25.3962, 27.6564**.

A 20% lighter version of the original color is **56.1400, 47.6428, 100.8448**, and **15.1411, 9.5857, 51.5043** is the 20% darker color. If you saturate the color by 10%, you get **28.9385, 18.3527, 92.4602**, and if you desaturate by 10%, it is **41.5349, 33.3407, 94.6893**.

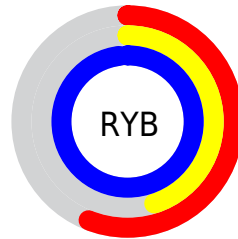
Distribution



Red (56%)

Green (45%)

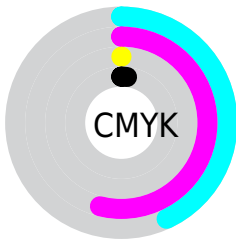
Blue (98%)



Red (56%)

Yellow (45%)

Blue (98%)

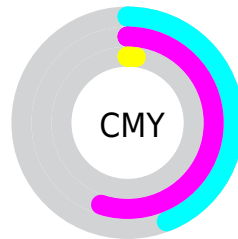


Cyan (43%)

Magenta (54%)

Yellow (0%)

Black (2%)



Cyan (44%)

Magenta (55%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5414, 24.9144, 93.4309 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 34.5414, 24.9144, 93.4309 by changing the saturation by 10% instead.

■ 34.5414, 24.9144,
93.4309

■ 34.5414, 24.9144,
93.4309

314.0830,
277.4114, 559.9849

■ 23.4747, 16.0133,
70.2400

■ 66.1134, 51.5183,
154.0719

■ 15.0670, 9.5336,
51.2442

■ 87.3494, 69.9899,
192.3591

■ 8.9531, 5.0908,
36.0249

■ 112.7059, 92.4205,
236.5156

■ 4.7674, 2.3006,
24.1636

■ 142.5483,
119.1944, 286.9598

■ 2.1448, 0.7740,
15.2417

177.2418,
150.6960, 344.1103

■ 0.7134, 0.0000,
8.8407

217.1519,

■ 0.0000, 0.0000,

187.3098, 408.3856

4.5420

262.6438,
229.4201, 480.2043

■ 0.0000, 0.0000,
1.9272

■ 0.0000, 0.0000,
0.5099

■ 34.5414, 24.9144,
93.4309

■ 34.5414, 24.9144,
93.4309

■ 28.9385, 18.3527,
92.4602

■ 41.5349, 33.3407,
94.6893

■ 24.6260, 13.5081,
91.7524

■ 50.0032, 43.7586,
96.2538

■ 21.4945, 10.2140,
91.2816

■ 60.0272, 56.2869,
98.1437

■ 19.4133, 8.2682,
91.0157

■ 71.6813, 71.0340,
100.3759

■ 18.5711, 7.5804,
90.9274

■ 85.0347, 88.1011,
102.9664

■ 94.2554, 99.6822,
104.7158

Harmonies

Analogous

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



24.6961, 24.9144, 113.0937



34.5414, 24.9144, 93.4309



42.8064, 24.9144, 56.1209

Triad

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



34.5414, 24.9144, 93.4309



32.3581, 24.9144, 2.5483



10.2409, 24.9144, 30.0980

Complementary

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



34.5414, 24.9144, 93.4309



67.7111, 85.2970, 29.1154

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.



11.3170, 24.9144, 10.3719



34.5414, 24.9144, 93.4309



22.6930, 24.9144, 1.6161

Square

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



34.5414, 24.9144, 93.4309



41.3374, 24.9144, 7.9689



15.3743, 24.9144, 3.1882



11.9403, 24.9144, 64.5791

Rectangle

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



34.5414, 24.9144, 93.4309



45.4257, 24.9144, 33.3370



15.3743, 24.9144, 3.1882



10.2920, 24.9144, 21.7414

Sweetspot

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



34.5425, 24.9152, 93.4315



72.3821, 71.0011, 104.4974



50.7138, 63.3229, 99.9926



14.9401, 14.4964, 22.2606



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.



34.5425, 24.9152, 93.4315



29.7266, 18.5736, 96.6260



49.8228, 32.7925, 94.1466



16.6072, 16.8101, 21.7547



9.9427, 4.0683, 48.2348



1.0027, 0.4190, 4.4712

Inverse Universe

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



58.8744, 37.9135, 74.0253



57.9974, 33.7121, 72.4493



50.8944, 76.6277, 28.3284



17.8355, 17.4616, 20.9895



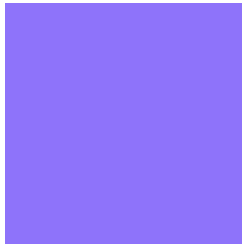
26.4942, 13.0134, 30.3746



2.4903, 1.2199, 3.0053

Previews

White Background



This preview shows how the XYZ color 34.5414, 24.9144, 93.4309 looks on a white background.

Color Contrast Check

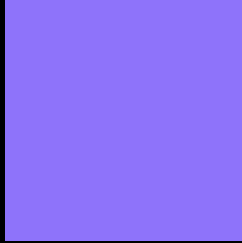
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5414, 24.9144, 93.4309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

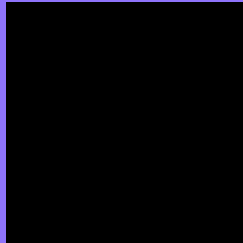
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5414, 24.9144, 93.4309

Background



This preview shows how black text looks on a background with the XYZ color 34.5414, 24.9144, 93.4309.



This preview shows how white text looks on a background with the XYZ color 34.5414, 24.9144,

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

34.5414, 24.9144, 93.4309

Protanopia

29.0361, 25.3347, 97.9675

Deuteranopia

26.1660, 25.2908, 89.8887



Tritanopia

22.3001, 24.7724, 32.8844

Trichromacy



Original Color

34.5414, 24.9144, 93.4309

Protanomaly

30.1202, 24.5549, 96.0806

Deuteranomaly

27.2254, 23.9459, 91.1828

Tritanomaly

25.6901, 24.2561, 50.3416

Monochromacy



Original Color

34.5414, 24.9144, 93.4309

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.7668, 24.7089, 46.0064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5414, 24.9144, 93.4309 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(142, 115, 250)` looks like.

```
.text, #text, p{  
    color:rgb(142, 115, 250)  
}
```

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(142, 115, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 115, 250) }
```

Border

The CSS property to change the border of an element to XYZ 34.5414, 24.9144, 93.4309 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(142, 115, 250) }
```


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

```
.border{ border-color:rgb(142, 115, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 115, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 115, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 115, 250);  
box-shadow:4px 4px 4px 4px rgb(142, 115,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5414, 24.9144, 93.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 115, 250) }
```

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

```
.background{ background-color: rgb(142,  
115, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor