

Converting Colors

XYZ(43.0242, 34.6325, 99.0249)

Have a look what the booklet for
XYZ(43.0242, 34.6325, 99.0249)
contains.

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Color

**XYZ(42.9767, 34.6515,
99.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	A38FFF
RGB	163, 143, 255
RGB Percent	64%, 56%, 100%
CMY	0.3608, 0.4392, 0.0000
CMYK	0.36, 0.44, 0.00, 0.00
HSL	251°, 100%, 78%
HSV	251°, 44%, 100%
XYZ	42.9767, 34.6515, 99.0310
YIQ	161.7480, -24.0320, 39.0720

Conversions

Conversions Part 2

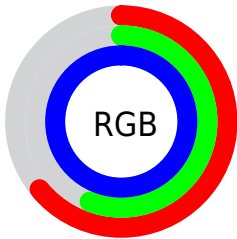
Format	Color
<code>RYB</code>	<code>163, 143, 255</code>
Decimal	<code>10719231</code>
CIELab	<code>65.48, 32.58, -53.30</code>
CIELCh	<code>65, 62.466, 301.433</code>
Yxy	<code>34.6515, 0.2433, 0.1961</code>
Android (<code>android.graphics.Color</code>)	<code>4288909311 (0xFFA38FFF)</code>
YUV	<code>161.7480, 45.9732, 1.0980</code>
Hunter-Lab	<code>58.8655, 27.3051, -58.5392</code>

Details

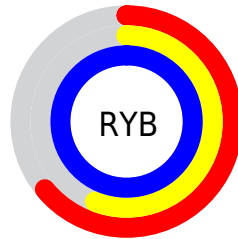
The XYZ color **42.9767, 34.6515, 99.0310** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **74.9788, 91.1653, 39.6326**, and the grayscale version is **34.0260, 35.7980, 38.9840**.

A 20% lighter version of the original color is **67.8350, 62.5247, 103.1009**, and **20.0836, 14.8573, 55.2353** is the 20% darker color. If you saturate the color by 10%, you get **35.6353, 25.8160, 97.7125**, and if you desaturate by 10%, it is **51.9008, 45.5955, 100.6731**.

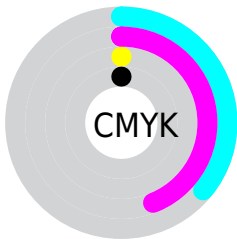
Distribution



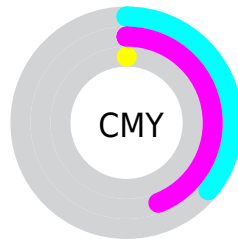
- Red (64%)
- Green (56%)
- Blue (100%)



- Red (64%)
- Yellow (56%)
- Blue (100%)



- Cyan (36%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9767, 34.6515, 99.0310 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 42.9767, 34.6515, 99.0310 by changing the saturation by 10% instead.

■ 42.9767, 34.6515,
99.0310

■ 42.9767, 34.6515,
99.0310

349.4391,
323.0274, 578.3016

■ 30.0613, 23.3945,
74.8792

■ 78.9316, 66.9455,
161.8652

■ 20.0334, 14.8851,
55.0128

■ 102.7018, 88.7514,
201.3846

■ 12.5277, 8.7388,
39.0133

130.8210,
114.8424, 246.8636

■ 7.1789, 4.5712,
26.4621

163.6546,
145.6028, 298.7207

■ 3.6216, 1.9979,
16.9408

201.5678,
181.4171, 357.3746

■ 1.4903, 0.6063,
10.0308

244.9260,

■ 0.3193, 0.0000,

222.6698, 423.2436

5.3135

294.0947,
269.7450, 496.7465

■ 0.0000, 0.0000,
2.3704

■ 0.0000, 0.0000,
0.7703

■ 42.9767, 34.6515,
99.0310

■ 42.9767, 34.6515,
99.0310

■ 35.6353, 25.8160,
97.7125

■ 51.9008, 45.5955,
100.6731

■ 29.7782, 18.9478,
96.6956

■ 62.4906, 58.7692,
102.6577

■ 25.3016, 13.8942,
95.9561

■ 74.8275, 74.2891,
105.0031

■ 22.0858, 10.4778,
95.4661

■ 88.9864, 92.2622,
107.7260

■ 19.9889, 8.4838,
95.1917

95.0500, 100.0000,
108.9000

■ 19.1561, 7.7902,
95.1018

Harmonies

Analogous

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



33.3766, 34.6515, 113.7277



42.9767, 34.6515, 99.0310



50.9069, 34.6515, 67.2785

Triad

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



42.9767, 34.6515, 99.0310



42.0742, 34.6515, 8.5413



18.3050, 34.6515, 39.0021

Complementary

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



42.9767, 34.6515, 99.0310



74.9788, 91.1653, 39.6326

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.



19.7859, 34.6515, 18.4164



42.9767, 34.6515, 99.0310



32.4977, 34.6515, 6.4662

Square

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



42.9767, 34.6515, 99.0310



50.3217, 34.6515, 17.0979



24.5940, 34.6515, 9.0173



20.1004, 34.6515, 70.5350

Rectangle

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



42.9767, 34.6515, 99.0310



53.5494, 34.6515, 45.7352



24.5940, 34.6515, 9.0173



18.4342, 34.6515, 30.7173

Sweetspot

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



42.9779, 34.6527, 99.0312



76.0535, 75.8393, 105.2377



59.4699, 73.2432, 105.6107



15.6548, 15.4445, 22.4059



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.



42.9779, 34.6527, 99.0312



36.2475, 26.5449, 97.8210



56.6870, 41.7200, 99.6728



17.3054, 17.5337, 22.7222



10.0963, 4.1153, 49.6968



1.0615, 0.4411, 4.8425

Inverse Universe

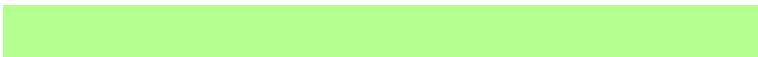
The Inverse Universe completely reimagines the original color for something new.



66.0582, 46.9039, 84.1683



62.3431, 40.4187, 80.0166



59.6187, 83.2468, 38.9138



18.6453, 18.2414, 22.0151



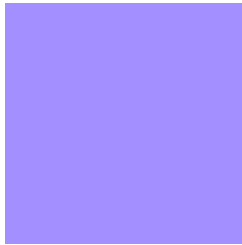
27.6428, 13.5464, 33.0990



2.7262, 1.3329, 3.4057

Previews

White Background



This preview shows how the XYZ color 42.9767, 34.6515, 99.0310 looks on a white background.

Color Contrast Check

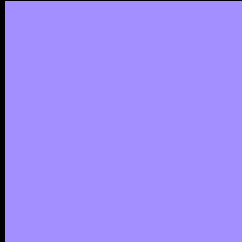
Large Text (above 18pt) WCAG AA × Fail

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 42.9767, 34.6515, 99.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

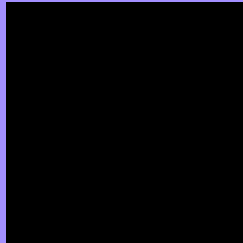
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9767, 34.6515, 99.0310

Background



This preview shows how black text looks on a background with the XYZ color 42.9767, 34.6515, 99.0310.



This preview shows how white text looks on a background with the XYZ color 42.9767, 34.6515,

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

42.9767, 34.6515, 99.0310

Protanopia

37.6842, 34.9900, 99.3753

Deuteranopia

36.0322, 34.9503, 96.9424



Tritanopia

32.0619, 34.5655, 45.0264

Trichromacy



Original Color

42.9767, 34.6515, 99.0310

Protanomaly

39.2700, 34.5875, 99.2140

Deuteranomaly

37.8733, 34.3863, 97.5696

Tritanomaly

35.2840, 34.0984, 61.2219

Monochromacy



Original Color

42.9767, 34.6515, 99.0310

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.5854, 35.1096, 57.0731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9767, 34.6515, 99.0310 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(163, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 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(163, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 42.9767, 34.6515, 99.0310 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(163, 143, 255) }
```


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

```
.border{ border-color:rgb(163, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9767, 34.6515, 99.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 255) }
```

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

```
.background{ background-color: rgb(163,  
143, 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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