

Converting Colors

XYZ(41.0343, 31.4812, 91.1025)

Have a look what the booklet for
XYZ(41.0343, 31.4812, 91.1025)
contains.

XYZ(41.0343, 31.4812, 91.1025)	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(41.0343, 31.4812,
91.1025)**

Conversions

Conversions Part 1

Format	Color
Hex	A884F6
RGB	168, 132, 246
RGB Percent	66%, 52%, 96%
CMY	0.3412, 0.4823, 0.0353
CMYK	0.32, 0.46, 0.00, 0.04
HSL	259°, 86%, 74%
HSV	259°, 46%, 96%
XYZ	41.0343, 31.4812, 91.1025
YIQ	155.7600, -15.1380, 43.0860

Conversions

Conversions Part 2

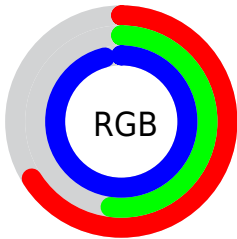
Format	Color
RYB	168, 132, 246
Decimal	11044086
CIELab	62.91, 37.76, -52.41
CIELCh	63, 64.592, 305.774
Yxy	31.4812, 0.2508, 0.1924
Android (android.graphics.Color)	4289234166 (0xFFA884F6)
YUV	155.7600, 44.4883, 10.7345
Hunter-Lab	56.1081, 32.3556, -56.9932

Details

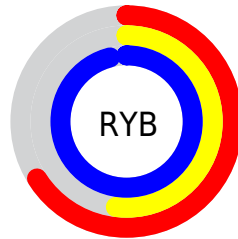
The XYZ color **41.0343, 31.4812, 91.1025** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.6993, 81.2796, 34.1620**, and the grayscale version is **31.3072, 32.9376, 35.8690**.

A 20% lighter version of the original color is **66.9729, 58.5066, 102.3708**, and **18.8847, 13.1535, 49.6877** is the 20% darker color. If you saturate the color by 10%, you get **34.7290, 23.8492, 89.9623**, and if you desaturate by 10%, it is **48.5923, 40.9274, 92.5280**.

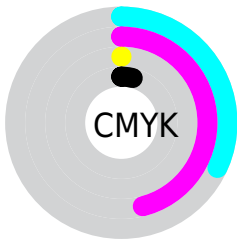
Distribution



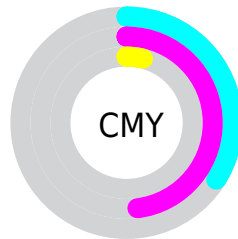
- Red (66%)
- Green (52%)
- Blue (96%)



- Red (66%)
- Yellow (52%)
- Blue (96%)



- Cyan (32%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (48%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0343, 31.4812, 91.1025 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 41.0343, 31.4812, 91.1025 by changing the saturation by 10% instead.

41.0343, 31.4812,
91.1025

41.0343, 31.4812,
91.1025

341.5241,
308.7491, 552.2731

28.5337, 20.9655,
68.3166

76.0103, 61.9969,
150.8177

18.8708, 13.0988,
49.6870

99.2165, 82.7657,
188.5841

11.6804, 7.4966,
34.7953

126.7218,
107.7210, 232.1811

6.5971, 3.7746,
23.2230

158.8917,
137.2473, 282.0271

3.2555, 1.5483,
14.5514

196.0915,
171.7288, 338.5408

1.2903, 0.3224,
8.3620

238.6866,

0.1759, 0.0000,

211.5500, 402.1407

4.2364

287.0424,
257.0953, 473.2453

■ 0.0000, 0.0000,
1.7559

■ 0.0000, 0.0000,
0.3986

■ 41.0343, 31.4812,
91.1025

■ 41.0343, 31.4812,
91.1025

■ 34.7290, 23.8492,
89.9623

■ 48.5923, 40.9274,
92.5280

■ 29.5988, 17.9066,
89.0856

■ 57.4667, 52.2942,
94.2543

■ 25.5628, 13.5178,
88.4512

■ 67.7210, 65.6839,
96.2983

■ 22.5263, 10.5235,
88.0333

■ 79.4134, 81.1903,
98.6751

■ 20.3749, 8.7271,
87.8000

■ 92.5976, 98.8992,
101.3984

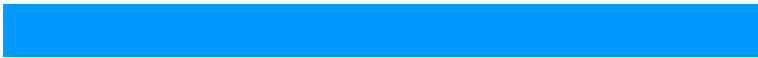
■ 19.7510, 8.2604,
87.7428

■ 93.6347, 99.4339,
101.4469

Harmonies

Analogous

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



31.6698, 31.4812, 109.4051



41.0343, 31.4812, 91.1025



48.3147, 31.4812, 58.4666

Triad

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



41.0343, 31.4812, 91.1025



37.4761, 31.4812, 6.2503



15.9644, 31.4812, 39.4273

Complementary

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



41.0343, 31.4812, 91.1025



63.6993, 81.2796, 34.1620

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.



16.9133, 31.4812, 17.8940



41.0343, 31.4812, 91.1025



28.2396, 31.4812, 5.0358

Square

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



41.0343, 31.4812, 91.1025



45.9927, 31.4812, 12.9261



21.0221, 31.4812, 7.9663



18.1130, 31.4812, 71.4705

Rectangle

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



41.0343, 31.4812, 91.1025



50.3449, 31.4812, 38.0028



21.0221, 31.4812, 7.9663



15.9381, 31.4812, 30.8043

Sweetspot

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



41.0355, 31.4824, 91.1032



76.2776, 74.9579, 105.0558



49.6447, 58.5473, 95.8736



15.7671, 15.3063, 22.3733



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.



41.0355, 31.4824, 91.1032



37.8289, 26.0505, 97.6422



55.3797, 38.8771, 91.7745



16.0736, 16.1806, 20.8186



10.6699, 4.4749, 46.8394



1.0397, 0.4458, 4.1215

Inverse Universe

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



57.8908, 40.7494, 65.7869



58.6771, 37.5409, 65.0631



50.6007, 74.5270, 33.5490



16.9779, 16.6740, 19.6301



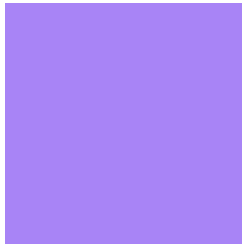
24.1407, 11.9997, 21.2468



2.1681, 1.0732, 2.1118

Previews

White Background



This preview shows how the XYZ color 41.0343, 31.4812, 91.1025 looks on a white background.

Color Contrast Check

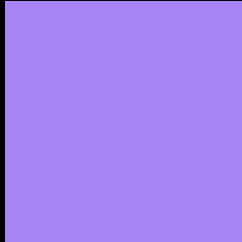
Large Text (above 18pt) WCAG AA × Fail

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 41.0343, 31.4812, 91.1025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

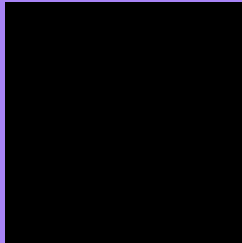
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0343, 31.4812, 91.1025

Background



This preview shows how black text looks on a background with the XYZ color 41.0343, 31.4812, 91.1025.



This preview shows how white text looks on a background with the XYZ color 41.0343, 31.4812,

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

41.0343, 31.4812, 91.1025

Protanopia

34.9818, 31.9030, 98.9219

Deuteranopia

32.7347, 31.6921, 88.3963



Tritanopia

30.4400, 31.3569, 39.0985

Trichromacy



Original Color

41.0343, 31.4812, 91.1025

Protanomaly

36.5991, 31.4190, 96.2310

Deuteranomaly

34.9072, 31.1575, 88.9682

Tritanomaly

33.5035, 30.9649, 54.6631

Monochromacy



Original Color

41.0343, 31.4812, 91.1025

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.1162, 32.0151, 52.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0343, 31.4812, 91.1025 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(168, 132, 246)` looks like.

```
.text, #text, p{  
    color:rgb(168, 132, 246)  
}
```

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(168, 132, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 132, 246) }
```

Border

The CSS property to change the border of an element to XYZ 41.0343, 31.4812, 91.1025 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(168, 132, 246) }
```


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

```
.border{ border-color:rgb(168, 132, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 132, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 132, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 132, 246);  
box-shadow:4px 4px 4px 4px rgb(168, 132,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0343, 31.4812, 91.1025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 132, 246) }
```

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

```
.background{ background-color: rgb(168,  
132, 246) }
```

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