

Converting Colors

XYZ(41.2200, 31.5972, 94.2866)

Have a look what the booklet for
XYZ(41.2200, 31.5972, 94.2866)
contains.

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Color

**XYZ(41.2325, 31.5116,
94.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	A684FA
RGB	166, 132, 250
RGB Percent	65%, 52%, 98%
CMY	0.3490, 0.4823, 0.0196
CMYK	0.34, 0.47, 0.00, 0.02
HSL	257°, 92%, 75%
HSV	257°, 47%, 98%
XYZ	41.2325, 31.5116, 94.3516
YIQ	155.6180, -17.6140, 43.9060

Conversions

Conversions Part 2

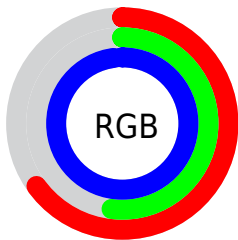
Format	Color
RYB	166, 132, 250
Decimal	10913018
CIELab	62.94, 38.26, -54.58
CIElCh	63, 66.650, 305.030
Yxy	31.5116, 0.2468, 0.1886
Android (android.graphics.Color)	4289103098 (0xFFA684FA)
YUV	155.6180, 46.5303, 9.1050
Hunter-Lab	56.1352, 32.8755, -60.3595

Details

The XYZ color **41.2325, 31.5116, 94.3516** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.6694, 84.6364, 34.6532**, and the grayscale version is **31.2362, 32.8629, 35.7877**.

A 20% lighter version of the original color is **66.3494, 58.1851, 102.3416**, and **19.0733, 13.1998, 51.9946** is the 20% darker color. If you saturate the color by 10%, you get **34.7637, 23.7333, 93.1918**, and if you desaturate by 10%, it is **49.0322, 41.1826, 95.8078**.

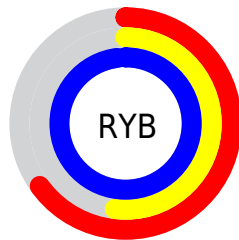
Distribution



Red (65%)

Green (52%)

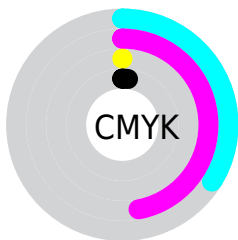
Blue (98%)



Red (65%)

Yellow (52%)

Blue (98%)

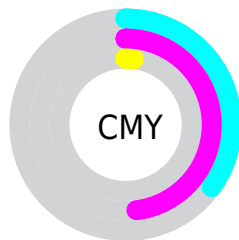


Cyan (34%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (35%)

Magenta (48%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2325, 31.5116, 94.3516 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 41.2325, 31.5116, 94.3516 by changing the saturation by 10% instead.

41.2325, 31.5116,
94.3516

41.2325, 31.5116,
94.3516

342.3374,
308.8884, 563.0183

28.6893, 20.9887,
71.0015

76.3092, 62.0446,
155.3564

18.9890, 13.1158,
51.8616

99.5734, 82.8236,
193.8482

11.7663, 7.5083,
36.5133

127.1419,
107.7901, 238.2242

6.6558, 3.7820,
24.5381

159.3801,
137.3284, 288.9032

3.2922, 1.5524,
15.5173

196.6535,
171.8230, 346.3035

1.3101, 0.3252,
9.0326

239.3272,

0.1908, 0.0000,

211.6582, 410.8438

4.6654

287.7667,
257.2186, 482.9426

■ 0.0000, 0.0000,
1.9970

■ 0.0000, 0.0000,
0.5534

■ 41.2325, 31.5116,
94.3516

■ 41.2325, 31.5116,
94.3516

■ 34.7637, 23.7333,
93.1918

■ 49.0322, 41.1826,
95.8078

■ 29.5421, 17.7155,
92.3054

■ 58.2319, 52.8594,
97.5768

■ 25.4794, 13.3139,
91.6700

■ 68.9006, 66.6501,
99.6763

■ 22.4726, 10.3585,
91.2580

■ 81.1009, 82.6539,
102.1224

■ 20.3939, 8.6329,
91.0345

■ 94.2499, 99.6793,
104.7156

■ 19.9308, 8.2814,
90.9910

■ 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.



31.5208, 31.5116, 113.0034



41.2325, 31.5116, 94.3516



48.9077, 31.5116, 60.2920

Triad

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



41.2325, 31.5116, 94.3516



38.0122, 31.5116, 5.8991



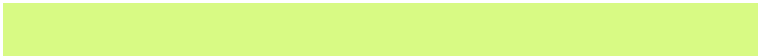
15.6164, 31.5116, 38.9231

Complementary

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



41.2325, 31.5116, 94.3516



66.6694, 84.6364, 34.6532

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.



16.6607, 31.5116, 17.1275



41.2325, 31.5116, 94.3516



28.4339, 31.5116, 4.6097

Square

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



41.2325, 31.5116, 94.3516



46.7987, 31.5116, 12.7477



20.9412, 31.5116, 7.3740



17.7265, 31.5116, 72.1409

Rectangle

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



41.2325, 31.5116, 94.3516



51.1301, 31.5116, 38.8655



20.9412, 31.5116, 7.3740



15.6154, 31.5116, 30.1266

Sweetspot

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



41.2338, 31.5128, 94.3524



75.9606, 74.7945, 105.0410



51.4731, 61.2111, 99.5450



15.6906, 15.2668, 22.3698



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.



41.2338, 31.5128, 94.3524



36.4500, 24.9269, 97.4980



56.3823, 39.3221, 95.0613



16.7528, 16.8852, 21.7615



10.6943, 4.4558, 48.2700



1.0904, 0.4642, 4.4753

Inverse Universe

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



60.0707, 41.7851, 69.8642



58.8033, 37.1465, 67.0992



52.3667, 77.2631, 33.9839



17.7673, 17.4343, 20.6305



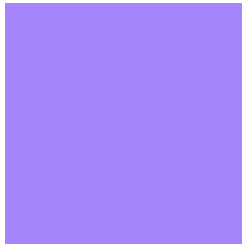
25.2377, 12.5108, 23.7580



2.3833, 1.1771, 2.4418

Previews

White Background



This preview shows how the XYZ color 41.2325, 31.5116, 94.3516 looks on a white background.

Color Contrast Check

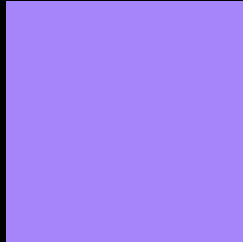
Large Text (above 18pt) WCAG AA × Fail

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 41.2325, 31.5116, 94.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

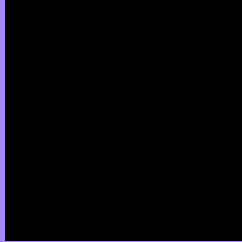
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2325, 31.5116, 94.3516

Background



This preview shows how black text looks on a background with the XYZ color 41.2325, 31.5116, 94.3516.



This preview shows how white text looks on a background with the XYZ color 41.2325, 31.5116,

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

41.2325, 31.5116, 94.3516

Protanopia

34.8609, 31.8407, 98.9162

Deuteranopia

32.9556, 31.9777, 91.6241



Tritanopia

30.1418, 31.4327, 39.6004

Trichromacy



Original Color

41.2325, 31.5116, 94.3516

Protanomaly

36.4542, 31.3260, 97.0537

Deuteranomaly

34.9399, 31.1038, 92.1578

Tritanomaly

33.4933, 31.1595, 55.8789

Monochromacy



Original Color

41.2325, 31.5116, 94.3516

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.2252, 32.0587, 53.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2325, 31.5116, 94.3516 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(166, 132, 250)` looks like.

```
.text, #text, p{  
    color:rgb(166, 132, 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(166, 132, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 132, 250) }
```

Border

The CSS property to change the border of an element to XYZ 41.2325, 31.5116, 94.3516 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(166, 132, 250) }
```


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

```
.border{ border-color:rgb(166, 132, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 132, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 132, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 132, 250);  
box-shadow:4px 4px 4px 4px rgb(166, 132,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2325, 31.5116, 94.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 132, 250) }
```

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

```
.background{ background-color: rgb(166,  
132, 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](#).

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