

Converting Colors

XYZ(43.2173, 31.5579, 98.4212)

Have a look what the booklet for
XYZ(43.2173, 31.5579, 98.4212)
contains.

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Color

**XYZ(43.2247, 31.6570,
98.4400)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AE80FF |
| RGB | 174, 128, 255 |
| RGB Percent | 68%, 50%, 100% |
| CMY | 0.3176, 0.4980, 0.0000 |
| CMYK | 0.32, 0.50, 0.00, 0.00 |
| HSL | 262°, 100%, 75% |
| HSV | 262°, 50%, 100% |
| XYZ | 43.2247, 31.6570, 98.4400 |
| YIQ | 156.2320, -13.3510, 49.2490 |

Conversions

Conversions Part 2

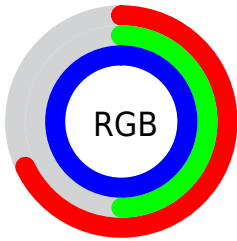
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 174, 128, 255 |
| Decimal | 11436287 |
| CIELab | 63.06, 43.74, -57.08 |
| CIELCh | 63, 71.911, 307.459 |
| Yxy | 31.6570, 0.2494, 0.1826 |
| Android (android.graphics.Color) | 4289626367 (0xFFAE80FF) |
| YUV | 156.2320, 48.6926, 15.5825 |
| Hunter-Lab | 56.2646, 38.6679, -64.3481 |

Details

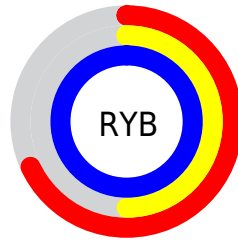
The XYZ color **43.2247, 31.6570, 98.4400** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **65.9508, 86.6338, 33.6690**, and the grayscale version is **31.4982, 33.1386, 36.0879**.

A 20% lighter version of the original color is **68.0567, 57.8317, 102.1834**, and **20.1830, 13.1669, 54.9038** is the 20% darker color. If you saturate the color by 10%, you get **36.9004, 24.0646, 97.3078**, and if you desaturate by 10%, it is **50.8256, 41.1489, 99.8715**.

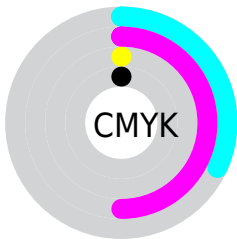
Distribution



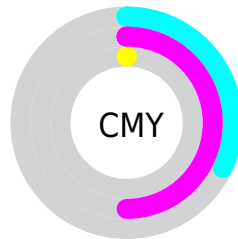
- Red (68%)
- Green (50%)
- Blue (100%)



- Red (68%)
- Yellow (50%)
- Blue (100%)



- Cyan (32%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)




- Cyan (32%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2247, 31.6570, 98.4400 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 43.2247, 31.6570, 98.4400 by changing the saturation by 10% instead.


 43.2247, 31.6570,
98.4400

 43.2247, 31.6570,
98.4400


350.4409,
309.5538, 576.3834


 30.2567, 21.0996,
74.3887


 79.3034, 62.2730,
161.0449

 20.1826, 13.1969,
54.6136


 103.1449, 83.1004,
200.4356

 12.6369, 7.5642,
38.6959


 131.3416,
108.1200, 245.7765

 7.2542, 3.8174,
26.2172

164.2589,
137.7161, 297.4862

 3.6693, 1.5720,
16.7590

202.2621,
172.2731, 355.9832

 1.5168, 0.3386,
9.9027

245.7166,

 0.3372, 0.0000,

212.1755, 421.6860

5.2297

294.9878,
257.8076, 495.0132

■ 0.0000, 0.0000,
2.3216

■ 0.0000, 0.0000,
0.7433

■ 43.2247, 31.6570,
98.4400

■ 43.2247, 31.6570,
98.4400

■ 36.9004, 24.0646,
97.3078

■ 50.8256, 41.1489,
99.8715

■ 31.7698, 18.2327,
96.4526

■ 59.7717, 52.6591,
101.6217

■ 27.7445, 14.0079,
95.8492

■ 70.1305, 66.3003,
103.7087

■ 24.7199, 11.2069,
95.4680

■ 81.9635, 82.1758,
106.1493

■ 22.5380, 9.5417,
95.2616

95.0500, 100.0000,
108.9000

■ 22.5003, 9.5142,
95.2583

Harmonies

Analogous

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



32.6301, 31.6570, 121.7910



43.2247, 31.6570, 98.4400



51.3342, 31.6570, 59.8970

Triad

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



43.2247, 31.6570, 98.4400



37.9980, 31.6570, 4.6465



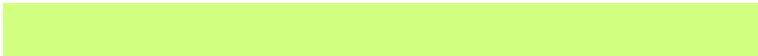
14.8779, 31.6570, 42.0468

Complementary

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



43.2247, 31.6570, 98.4400



65.9508, 86.6338, 33.6690

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.



15.7019, 31.6570, 17.5002



43.2247, 31.6570, 98.4400



27.6834, 31.6570, 3.7386

Square

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



43.2247, 31.6570, 98.4400



47.8840, 31.6570, 10.7972



19.9271, 31.6570, 6.7680



17.3598, 31.6570, 79.4326

Rectangle

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



43.2247, 31.6570, 98.4400



53.4127, 31.6570, 36.9451



19.9271, 31.6570, 6.7680



14.7890, 31.6570, 32.1063

Sweetspot

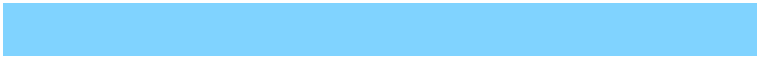
The Sweet Spot groups the original color and five complimentary colors.



43.2259, 31.6581, 98.4401



75.6261, 73.6402, 104.8358



50.1354, 58.1751, 103.1942



15.6617, 15.0587, 22.3311



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.



43.2259, 31.6581, 98.4401



36.7880, 23.9331, 97.2884



60.3451, 40.4834, 99.2413



17.6241, 17.6980, 22.7371



11.9053, 5.0479, 49.7814



1.2738, 0.5506, 4.8524

Inverse Universe

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



60.4681, 41.3025, 65.1063



56.3677, 34.9133, 58.1550



51.6985, 79.2865, 33.0020



18.4971, 18.1821, 21.2347



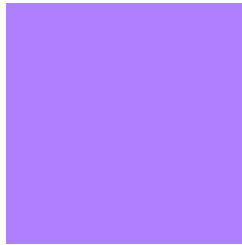
25.0601, 12.5133, 19.4990



2.4924, 1.2393, 2.1746

Previews

White Background



This preview shows how the XYZ color 43.2247, 31.6570, 98.4400 looks on a white background.

Color Contrast Check

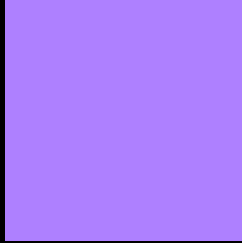
Large Text (above 18pt) WCAG AA × Fail

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 43.2247, 31.6570, 98.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

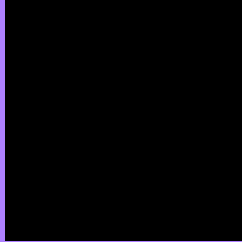
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2247, 31.6570, 98.4400

Background



This preview shows how black text looks on a background with the XYZ color 43.2247, 31.6570, 98.4400.

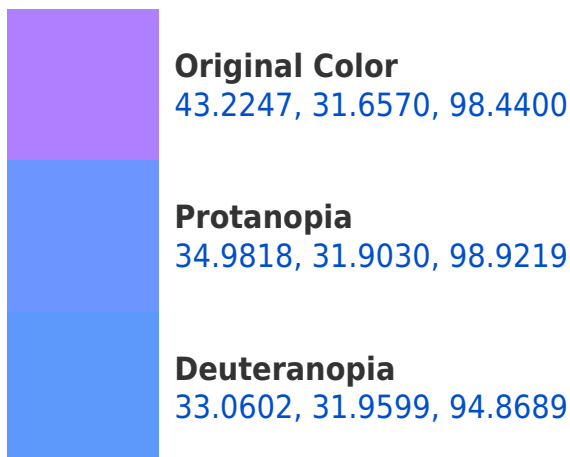


This preview shows how white text looks on a background with the XYZ color 43.2247, 31.6570,

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





Tritanopia

31.1382, 31.4892, 38.6193

Trichromacy



Original Color

43.2247, 31.6570, 98.4400

Protanomaly

37.0906, 31.1753, 98.6703

Deuteranomaly

35.5700, 31.1124, 96.2260

Tritanomaly

34.7411, 31.1181, 56.3999

Monochromacy



Original Color

43.2247, 31.6570, 98.4400

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.8976, 32.1501, 54.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2247, 31.6570, 98.4400 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(174, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 128, 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(174, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 128, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.2247, 31.6570, 98.4400 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(174, 128, 255) }
```


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

```
.border{ border-color:rgb(174, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 128,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2247, 31.6570, 98.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 128, 255) }
```

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

```
.background{ background-color: rgb(174,  
128, 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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