

Converting Colors

XYZ(44.1853, 32.0585, 98.4665)

Have a look what the booklet for
XYZ(44.1853, 32.0585, 98.4665)
contains.

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Color

**XYZ(44.3596, 32.2420,
98.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	B380FF
RGB	179, 128, 255
RGB Percent	70%, 50%, 100%
CMY	0.2980, 0.4980, 0.0000
CMYK	0.30, 0.50, 0.00, 0.00
HSL	264°, 100%, 75%
HSV	264°, 50%, 100%
XYZ	44.3596, 32.2420, 98.4931
YIQ	157.7270, -10.3710, 50.3090

Conversions

Conversions Part 2

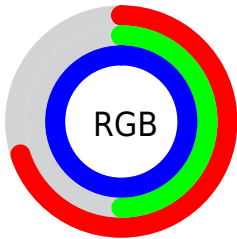
Format	Color
R _Y B	179, 128, 255
Decimal	11763967
CIE Lab	63.54, 44.99, -56.28
CIE LCh	64, 72.051, 308.634
Yxy	32.2420, 0.2533, 0.1841
Android (android.graphics.Color)	4289954047 (0xFFB380FF)
YUV	157.7270, 47.9556, 18.6564
Hunter-Lab	56.7820, 40.0803, -63.0959

Details

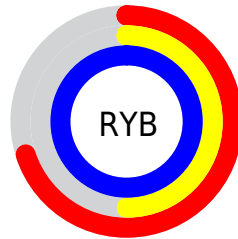
The XYZ color **44.3596, 32.2420, 98.4931** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **64.5580, 85.9158, 33.6038**, and the grayscale version is **32.1701, 33.8455, 36.8578**.

A 20% lighter version of the original color is **69.7030, 58.6804, 102.2604**, and **20.8730, 13.5225, 54.9361** is the 20% darker color. If you saturate the color by 10%, you get **38.1080, 24.6872, 97.3643**, and if you desaturate by 10%, it is **51.8394, 41.6715, 99.9189**.

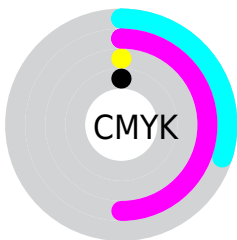
Distribution



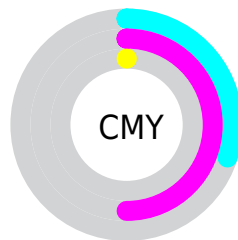
- Red (70%)
- Green (50%)
- Blue (100%)



- Red (70%)
- Yellow (50%)
- Blue (100%)



- Cyan (30%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3596, 32.2420, 98.4931 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 44.3596, 32.2420, 98.4931 by changing the saturation by 10% instead.

44.3596, 32.2420,
98.4931

44.3596, 32.2420,
98.4931

355.0012,
312.2202, 576.5559

31.1524, 21.5464,
74.4328

81.0016, 63.1903,
161.1186

20.8673, 13.5240,
54.6494

105.1671, 84.2118,
200.5209

13.1390, 7.7903,
38.7244

133.7161,
109.4440, 245.8742

7.6020, 3.9611,
26.2392

167.0140,
139.2713, 297.5971

3.8910, 1.6518,
16.7753

205.4261,
174.0783, 356.1083

1.6406, 0.3922,
9.9142

249.3178,

0.4187, 0.0000,

214.2491, 421.8260

5.2372

299.0543,
260.1683, 495.1691

■ 0.0000, 0.0000,
2.3259

■ 0.0000, 0.0000,
0.7457

■ 44.3596, 32.2420,
98.4931

■ 44.3596, 32.2420,
98.4931

■ 38.1080, 24.6872,
97.3643

■ 51.8394, 41.6715,
99.9189

■ 33.0047, 18.8693,
96.5103

■ 60.6132, 53.0929,
101.6610

■ 28.9644, 14.6367,
95.9063

■ 70.7459, 66.6176,
103.7375

■ 25.8861, 11.8081,
95.5226

■ 82.2967, 82.3476,
106.1649

■ 23.6154, 10.0972, 95.0500, 100.0000,
95.3120 108.9000

■ 23.5756, 10.0686,
95.3086

Harmonies

Analogous

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



33.6381, 32.2420, 123.1456



44.3596, 32.2420, 98.4931



52.3886, 32.2420, 59.3689

Triad

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



44.3596, 32.2420, 98.4931



38.2364, 32.2420, 4.6768



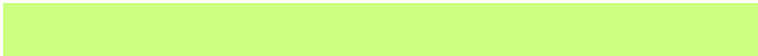
15.2375, 32.2420, 44.0855

Complementary

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



44.3596, 32.2420, 98.4931



64.5580, 85.9158, 33.6038

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.



15.9441, 32.2420, 18.5599



44.3596, 32.2420, 98.4931



27.8350, 32.2420, 3.8965

Square

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



44.3596, 32.2420, 98.4931



48.3500, 32.2420, 10.6525



20.0959, 32.2420, 7.1955



17.8950, 32.2420, 82.2234

Rectangle

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



44.3596, 32.2420, 98.4931



54.3019, 32.2420, 36.4412



20.0959, 32.2420, 7.1955



15.1040, 32.2420, 33.8039

Sweetspot

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



44.3608, 32.2432, 98.4932



76.1132, 73.8913, 104.8586



48.5932, 55.0908, 102.6802



15.7784, 15.1189, 22.3366



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.



44.3608, 32.2432, 98.4932



37.9966, 24.5562, 97.3449



62.4906, 41.5894, 99.3417



17.6935, 17.7337, 22.7404



12.4763, 5.3423, 49.8082



1.3342, 0.5817, 4.8552

Inverse Universe

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



59.8585, 41.0586, 61.8962



55.6792, 34.6379, 54.5293



50.5904, 78.7152, 32.9501



18.4658, 18.1696, 21.0698



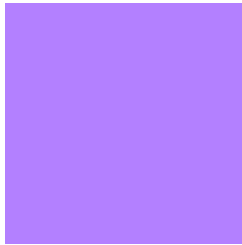
24.6115, 12.3339, 17.1364



2.4504, 1.2225, 1.9531

Previews

White Background



This preview shows how the XYZ color 44.3596, 32.2420, 98.4931 looks on a white background.

Color Contrast Check

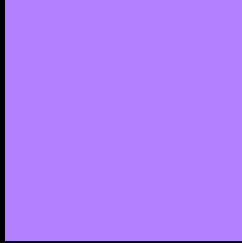
Large Text (above 18pt) WCAG AA × Fail

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 44.3596, 32.2420, 98.4931 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 44.3596, 32.2420, 98.4931

Background



This preview shows how black text looks on a background with the XYZ color 44.3596, 32.2420, 98.4931.



This preview shows how white text looks on a background with the XYZ color 44.3596, 32.2420,

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

44.3596, 32.2420, 98.4931

Protanopia

35.5470, 32.6682, 99.0398

Deuteranopia

33.4784, 32.4376, 94.1191



Tritanopia

32.1259, 31.9984, 38.6655

Trichromacy



Original Color

44.3596, 32.2420, 98.4931



Protanomaly

37.8641, 32.0158, 98.7918



Deuteranomaly

36.1422, 31.6515, 95.4712



Tritanomaly

35.7853, 31.6564, 56.4488

Monochromacy



Original Color

44.3596, 32.2420, 98.4931



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

35.7852, 32.8247, 54.9018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3596, 32.2420, 98.4931 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(179, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 128, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.3596, 32.2420, 98.4931 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(179, 128, 255) }
```


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

```
.border{ border-color:rgb(179, 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(179, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 128,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3596, 32.2420, 98.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 128, 255) }
```

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

```
.background{ background-color: rgb(179,  
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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