

Converting Colors

XYZ(44.0964, 34.1260,
119.3873)

Have a look what the booklet for
XYZ(44.0964, 34.1260, 119.3873)
contains.

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Color

**XYZ(40.1906, 32.5555,
98.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	978CFF
RGB	151, 140, 255
RGB Percent	59%, 55%, 100%
CMY	0.4078, 0.4510, 0.0000
CMYK	0.41, 0.45, 0.00, 0.00
HSL	246°, 100%, 77%
HSV	246°, 45%, 100%
XYZ	40.1906, 32.5555, 98.7733
YIQ	156.3990, -30.3590, 38.0970

Conversions

Conversions Part 2

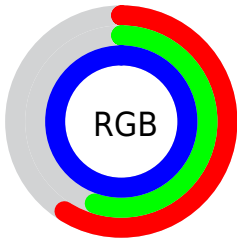
Format	Color
R_{YB}	151, 140, 255
Decimal	9932031
CIE _{Lab}	63.80, 31.33, -56.02
CIE _{LCh}	64, 64.186, 299.212
Yxy	32.5555, 0.2343, 0.1898
Android (android.graphics.Color)	4288122111 (0xFF978CFF)
YUV	156.3990, 48.6103, -4.7349
Hunter-Lab	57.0574, 25.8829, -62.6980

Details

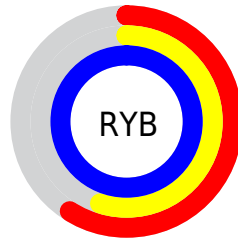
The XYZ color **40.1906, 32.5555, 98.7733** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.8012, 92.6462, 38.5938**, and the grayscale version is **31.5785, 33.2230, 36.1798**.

A 20% lighter version of the original color is **63.6363, 59.3589, 102.7112**, and **18.4653, 13.7692, 55.1106** is the 20% darker color. If you saturate the color by 10%, you get **33.0178, 23.9531, 97.4909**, and if you desaturate by 10%, it is **49.0660, 43.3180, 100.3829**.

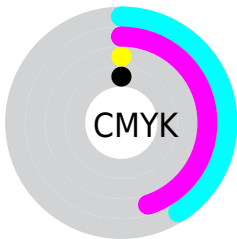
Distribution



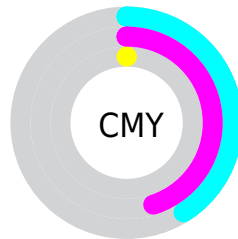
- Red (59%)
- Green (55%)
- Blue (100%)



- Red (59%)
- Yellow (55%)
- Blue (100%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1906, 32.5555, 98.7733 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 40.1906, 32.5555, 98.7733 by changing the saturation by 10% instead.

40.1906, 32.5555,
98.7733

40.1906, 32.5555,
98.7733

338.0469,
313.6420, 577.4656

27.8721, 21.7861,
74.6653

74.7362, 63.6809,
161.5075

18.3692, 13.6998,
54.8387

97.6939, 84.8058,
200.9709

11.3167, 7.9122,
38.8748

124.9287,
110.1513, 246.3897

6.3491, 4.0388,
26.3553

156.8060,
140.1018, 298.1826

3.1012, 1.6953,
16.8615

193.6911,
175.0417, 356.7681

1.2075, 0.4206,
9.9749

235.9494,

0.1123, 0.0000,

215.3555, 422.5647

5.2769

283.9462,
261.4275, 495.9911

■ 0.0000, 0.0000,
2.3491

■ 0.0000, 0.0000,
0.7585

■ 40.1906, 32.5555,
98.7733

■ 40.1906, 32.5555,
98.7733

■ 33.0178, 23.9531,
97.4909

■ 49.0660, 43.3180,
100.3829

■ 27.4347, 17.3614,
96.5129

■ 59.7401, 56.3699,
102.3396

■ 23.3198, 12.6169,
95.8139

■ 72.3062, 71.8342,
104.6622

■ 20.5328, 9.5290,
95.3648

■ 86.8499, 89.8241,
107.3681

■ 18.9049, 7.8650,
95.1294

95.0500, 100.0000,
108.9000

■ 18.4362, 7.4191,
95.0681

Harmonies

Analogous

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



30.7055, 32.5555, 111.7915



40.1906, 32.5555, 98.7733



48.3375, 32.5555, 67.3876

Triad

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



40.1906, 32.5555, 98.7733



40.6837, 32.5555, 7.6271



16.6529, 32.5555, 34.7697

Complementary

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



40.1906, 32.5555, 98.7733



77.8012, 92.6462, 38.5938

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.



18.3198, 32.5555, 15.6349



40.1906, 32.5555, 98.7733



31.1818, 32.5555, 5.3833

Square

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



40.1906, 32.5555, 98.7733



48.6588, 32.5555, 16.3294



23.2354, 32.5555, 7.3848



18.1524, 32.5555, 65.5909

Rectangle

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



40.1906, 32.5555, 98.7733



51.2694, 32.5555, 45.5675



23.2354, 32.5555, 7.3848



16.8552, 32.5555, 26.9489

Sweetspot

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



40.1918, 32.5566, 98.7735



73.8037, 73.6825, 104.9400



61.6443, 78.3530, 106.4824



15.1715, 14.9992, 22.3455



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.



40.1918, 32.5566, 98.7735



33.7252, 24.7960, 97.6163



53.1841, 39.2544, 99.3815



17.1642, 17.4608, 22.7156



9.6866, 3.9041, 49.6776



0.9947, 0.4067, 4.8393

Inverse Universe

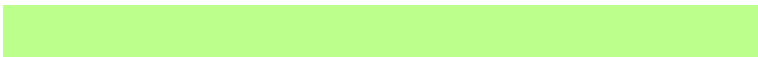
The Inverse Universe completely reimagines the original color for something new.



66.9472, 46.5484, 91.0424



63.6371, 40.4529, 88.3214



61.2126, 84.0945, 37.8175



18.7133, 18.2686, 22.3735



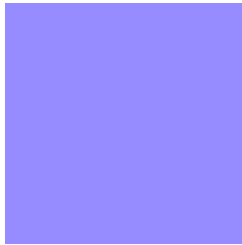
29.0870, 14.1241, 40.7042



2.8530, 1.3836, 4.0733

Previews

White Background



This preview shows how the XYZ color 40.1906, 32.5555, 98.7733 looks on a white background.

Color Contrast Check

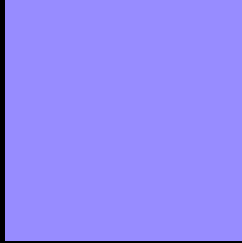
Large Text (above 18pt) WCAG AA × Fail

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 40.1906, 32.5555, 98.7733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

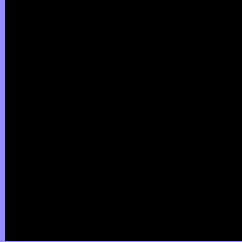
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1906, 32.5555, 98.7733

Background



This preview shows how black text looks on a background with the XYZ color 40.1906, 32.5555, 98.7733.



This preview shows how white text looks on a background with the XYZ color 40.1906, 32.5555,

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

40.1906, 32.5555, 98.7733

Protanopia

35.6722, 32.7327, 99.0457

Deuteranopia

33.9081, 32.8506, 96.6491



Tritanopia

29.2046, 32.6001, 43.7829

Trichromacy



Original Color

40.1906, 32.5555, 98.7733

Protanomaly

37.0879, 32.5231, 98.9306

Deuteranomaly

35.7062, 32.5494, 97.3292

Tritanomaly

32.3701, 32.1240, 60.3716

Monochromacy



Original Color

40.1906, 32.5555, 98.7733

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.7472, 32.4885, 54.3614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1906, 32.5555, 98.7733 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(151, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 140, 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(151, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 140, 255) }
```

Border

The CSS property to change the border of an element to XYZ 40.1906, 32.5555, 98.7733 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(151, 140, 255) }
```


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

```
.border{ border-color:rgb(151, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 140,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1906, 32.5555, 98.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 140, 255) }
```

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

```
.background{ background-color: rgb(151,  
140, 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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