

Converting Colors

XYZ(47.6976, 40.1327, 97.5607)

Have a look what the booklet for
XYZ(47.6976, 40.1327, 97.5607)
contains.

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Color

**XYZ(47.5906, 40.1523,
97.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	B19CFC
RGB	177, 156, 252
RGB Percent	69%, 61%, 99%
CMY	0.3059, 0.3882, 0.0118
CMYK	0.30, 0.38, 0.00, 0.01
HSL	253°, 94%, 80%
HSV	253°, 38%, 99%
XYZ	47.5906, 40.1523, 97.3373
YIQ	173.2230, -18.3000, 34.3080

Conversions

Conversions Part 2

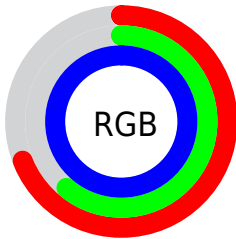
Format	Color
R_{YB}	177, 156, 252
Decimal	11640060
CIE _{Lab}	69.58, 28.17, -45.12
CIE _{LCh}	70, 53.188, 301.977
Yxy	40.1523, 0.2571, 0.2169
Android (android.graphics.Color)	4289830140 (0xFFB19CFC)
YUV	173.2230, 38.8371, 3.3124
Hunter-Lab	63.3658, 23.1713, -46.7202

Details

The XYZ color **47.5906, 40.1523, 97.3373** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **73.7669, 89.0108, 44.7468**, and the grayscale version is **39.6502, 41.7151, 45.4277**.

A 20% lighter version of the original color is **75.2760, 71.3010, 104.4027**, and **22.9279, 18.1809, 53.9306** is the 20% darker color. If you saturate the color by 10%, you get **39.6271, 30.4080, 95.8769**, and if you desaturate by 10%, it is **57.0811, 51.9874, 99.1222**.

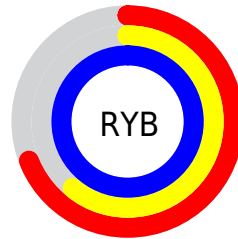
Distribution



Red (69%)

Green (61%)

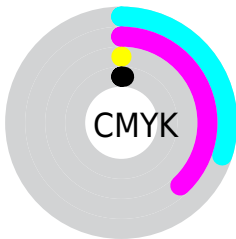
Blue (99%)



Red (69%)

Yellow (61%)

Blue (99%)

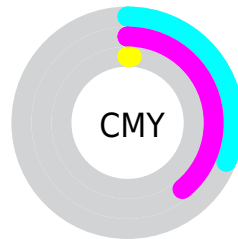


Cyan (30%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (31%)


Magenta (39%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5906, 40.1523, 97.3373 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 47.5906, 40.1523, 97.3373 by changing the saturation by 10% instead.


 47.5906, 40.1523,
97.3373


 47.5906, 40.1523,
97.3373


367.7767,
346.7651, 572.7952

 33.7127, 27.6573,
73.4742


 85.8079, 75.3954,
159.5130

 22.8348, 18.0675,
53.8696


 110.8781, 98.9122,
198.6627

 14.5916, 10.9985,
38.1050


140.4096,
126.8719, 243.7451

 8.6177, 6.0658,
25.7617

174.7680,
159.6586, 295.1786

 4.5478, 2.8851,
16.4213

214.3186,
197.6570, 353.3818

 2.0165, 1.0721,
9.6652

259.4266,

 0.6432, 0.0000,

241.2512, 418.7733

5.0749

310.4576,
290.8258, 491.7716

■ 0.0000, 0.0000,
2.2317

■ 0.0000, 0.0000,
0.6926

■ 47.5906, 40.1523,
97.3373

■ 47.5906, 40.1523,
97.3373

■ 39.6271, 30.4080,
95.8769

■ 57.0811, 51.9874,
99.1222

■ 33.1039, 22.6264,
94.7187

■ 68.1701, 66.0220,
101.2467

■ 27.9323, 16.6723,
93.8420

■ 80.9298, 82.3626,
103.7283

■ 24.0111, 12.3908,
93.2223

94.5708, 99.8083,
106.3767

■ 21.2237, 9.6008,
92.8307

■ 19.4194, 8.0587,
92.6281

■ 19.1533, 7.8441,
92.6007

Harmonies

Analogous

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



38.7358, 40.1523, 110.0368



47.5906, 40.1523, 97.3373



54.6702, 40.1523, 69.9066

Triad

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



47.5906, 40.1523, 97.3373



46.4570, 40.1523, 13.8553



23.9282, 40.1523, 45.3702

Complementary

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



47.5906, 40.1523, 97.3373



73.7669, 89.0108, 44.7468

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.



25.3668, 40.1523, 25.0556



47.5906, 40.1523, 97.3373



37.5969, 40.1523, 11.4466

Square

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



47.5906, 40.1523, 97.3373



53.9497, 40.1523, 23.1568



30.0717, 40.1523, 14.6273



25.8030, 40.1523, 73.8407

Rectangle

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



47.5906, 40.1523, 97.3373



56.9555, 40.1523, 50.6556



30.0717, 40.1523, 14.6273



24.0396, 40.1523, 37.4465

Sweetspot

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



47.5921, 40.1538, 97.3382



79.1378, 79.4690, 105.7758



59.9140, 71.3612, 102.7124



16.5510, 16.5124, 22.5648



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.



47.5921, 40.1538, 97.3382



42.2736, 33.1356, 98.7755



60.4493, 46.7820, 97.9399



16.6380, 16.8260, 21.7561



10.0784, 4.1383, 48.2411



1.0195, 0.4276, 4.4720

Inverse Universe

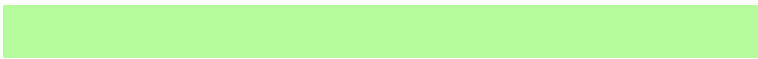
The Inverse Universe completely reimagines the original color for something new.



66.4581, 50.2432, 81.7969



64.4758, 45.0271, 79.6705



60.3883, 82.1139, 44.1207



17.8209, 17.4557, 20.9128



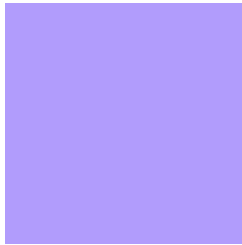
26.2114, 12.9003, 28.8856



2.4664, 1.2103, 2.8796

Previews

White Background



This preview shows how the XYZ color 47.5906, 40.1523, 97.3373 looks on a white background.

Color Contrast Check

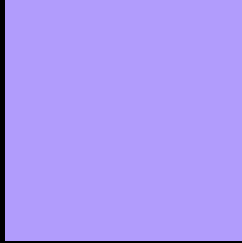
Large Text (above 18pt) WCAG AA × Fail

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 47.5906, 40.1523, 97.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

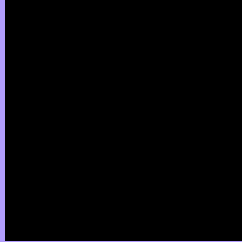
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5906, 40.1523, 97.3373

Background



This preview shows how black text looks on a background with the XYZ color 47.5906, 40.1523, 97.3373.



This preview shows how white text looks on a background with the XYZ color 47.5906, 40.1523,

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

47.5906, 40.1523, 97.3373

Protanopia

42.5162, 40.3464, 100.1545

Deuteranopia

41.4402, 40.4497, 95.2460



Tritanopia

38.1307, 39.9967, 51.0578

Trichromacy



Original Color

47.5906, 40.1523, 97.3373

Protanomaly

44.1235, 40.1224, 99.1848

Deuteranomaly

43.2933, 40.0324, 95.8877

Tritanomaly

41.1122, 39.8385, 65.8444

Monochromacy



Original Color

47.5906, 40.1523, 97.3373

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.9349, 40.9004, 61.5615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5906, 40.1523, 97.3373 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(177, 156, 252)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 252)  
}
```

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(177, 156, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 252) }
```

Border

The CSS property to change the border of an element to XYZ 47.5906, 40.1523, 97.3373 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(177, 156, 252) }
```


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

```
.border{ border-color:rgb(177, 156, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 156, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 156, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 156, 252); box-shadow:4px 4px 4px 4px rgb(177, 156, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5906, 40.1523, 97.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 252) }
```

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

```
.background{ background-color: rgb(177,  
156, 252) }
```

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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