

Converting Colors

XYZ(47.8552, 39.4485, 79.9550)

Have a look what the booklet for
XYZ(47.8552, 39.4485, 79.9550)
contains.

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Color

**XYZ(47.8552, 39.4485,
79.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	C397E6
RGB	195, 151, 230
RGB Percent	76%, 59%, 90%
CMY	0.2353, 0.4078, 0.0980
CMYK	0.15, 0.34, 0.00, 0.10
HSL	273°, 61%, 75%
HSV	273°, 34%, 90%
XYZ	47.8552, 39.4485, 79.9550
YIQ	173.1620, 0.8650, 33.8970

Conversions

Conversions Part 2

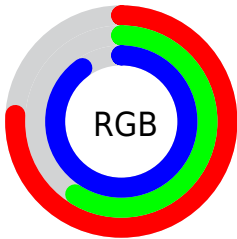
Format	Color
RYB	195, 151, 230
Decimal	12818406
CIELab	69.07, 31.07, -33.76
CIElCh	69, 45.878, 312.627
Yxy	39.4485, 0.2861, 0.2359
Android (android.graphics.Color)	4291008486 (0xFFC397E6)
YUV	173.1620, 28.0211, 19.1519
Hunter-Lab	62.8080, 26.0901, -31.5109

Details

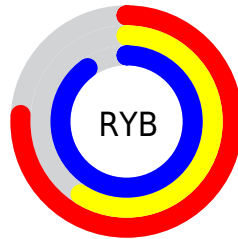
The XYZ color **47.8552, 39.4485, 79.9550** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **54.1337, 69.2681, 39.7968**, and the grayscale version is **39.6655, 41.7312, 45.4453**.

A 20% lighter version of the original color is **80.2662, 72.0581, 104.2859**, and **22.9170, 17.5551, 42.2250** is the 20% darker color. If you saturate the color by 10%, you get **41.9650, 31.4435, 78.7210**, and if you desaturate by 10%, it is **54.6498, 48.9934, 81.4399**.

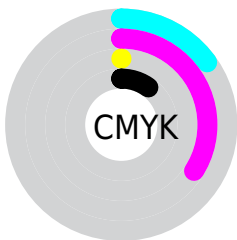
Distribution



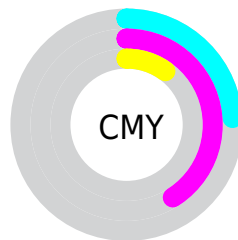
- Red (76%)
- Green (59%)
- Blue (90%)



- Red (76%)
- Yellow (59%)
- Blue (90%)



- Cyan (15%)
- Magenta (34%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (41%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8552, 39.4485, 79.9550 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 47.8552, 39.4485, 79.9550 by changing the saturation by 10% instead.

47.8552, 39.4485,
79.9550

47.8552, 39.4485,
79.9550

368.8100,
343.7936, 514.4839

33.9230, 27.1088,
59.1554

86.1998, 74.3230,
135.1133

22.9971, 17.6550,
42.3174

111.3429, 97.6265,
170.3090

14.7120, 10.7026,
29.0225

140.9536,
125.3535, 211.1406

8.7025, 5.8672,
18.8521

175.3974,
157.8883, 258.0264

4.6032, 2.7645,
11.3877

215.0396,
195.6154, 311.3851

2.0487, 1.0101,
6.2108

260.2455,

0.6611, 0.0000,

238.9190, 371.6353

2.9028

311.3806,
288.1836, 439.1954

■ 0.0000, 0.0000,
1.0452

■ 0.0000, 0.0000,
0.0000

■ 47.8552, 39.4485,
79.9550

■ 47.8552, 39.4485,
79.9550

■ 41.9650, 31.4435,
78.7210

■ 54.6498, 48.9934,
81.4399

■ 36.9295, 24.8875,
77.7209

■ 62.3869, 60.1526,
83.1860

■ 32.6998, 19.6870,
76.9400

■ 71.1074, 73.0015,
85.2065

■ 29.2198, 15.7354,
76.3607

■ 80.8481, 87.6092,
87.5127

■ 26.4248, 12.9092,
75.9625

■ 88.0322, 96.8174,
88.9114

■ 24.2366, 11.0582,
75.7206

■ 91.2831, 98.4932,
89.0635

■ 23.2004, 10.3103,
75.6308

Harmonies

Analogous

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



40.6558, 39.4485, 95.5057



47.8552, 39.4485, 79.9550



52.5928, 39.4485, 56.1460

Triad

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



47.8552, 39.4485, 79.9550



41.8556, 39.4485, 14.8275



25.3705, 39.4485, 52.3790

Complementary

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



47.8552, 39.4485, 79.9550



54.1337, 69.2681, 39.7968

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.



25.6037, 39.4485, 32.0073



47.8552, 39.4485, 79.9550



34.5017, 39.4485, 14.4064

Square

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



47.8552, 39.4485, 79.9550



48.8315, 39.4485, 21.0317



28.7490, 39.4485, 19.5993



28.0641, 39.4485, 76.4363

Rectangle

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



47.8552, 39.4485, 79.9550



53.3827, 39.4485, 41.1320



28.7490, 39.4485, 19.5993



25.1204, 39.4485, 44.8263

Sweetspot

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



47.8565, 39.4501, 79.9559



83.4129, 82.7156, 106.1771



44.7219, 47.6440, 81.7027



17.5259, 17.2228, 22.6506



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.



47.8565, 39.4501, 79.9559



55.2324, 42.6853, 99.9358



57.4351, 44.4515, 77.5411



14.3467, 14.2810, 18.1447



13.2775, 5.9107, 42.8242



1.0876, 0.4916, 3.1695

Inverse Universe

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



52.5639, 42.5030, 51.8894



62.2700, 47.2373, 58.5209



46.9728, 65.5388, 41.1646



14.6410, 14.4736, 16.3097



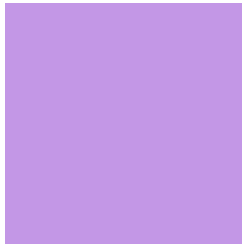
19.8893, 10.0900, 8.3122



1.5159, 0.7641, 0.8571

Previews

White Background



This preview shows how the XYZ color 47.8552, 39.4485, 79.9550 looks on a white background.

Color Contrast Check

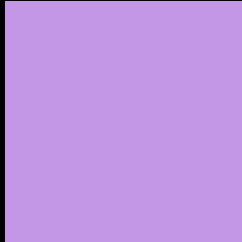
Large Text (above 18pt) WCAG AA × Fail

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 47.8552, 39.4485, 79.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

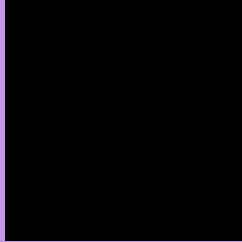
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8552, 39.4485, 79.9550

Background



This preview shows how black text looks on a background with the XYZ color 47.8552, 39.4485, 79.9550.

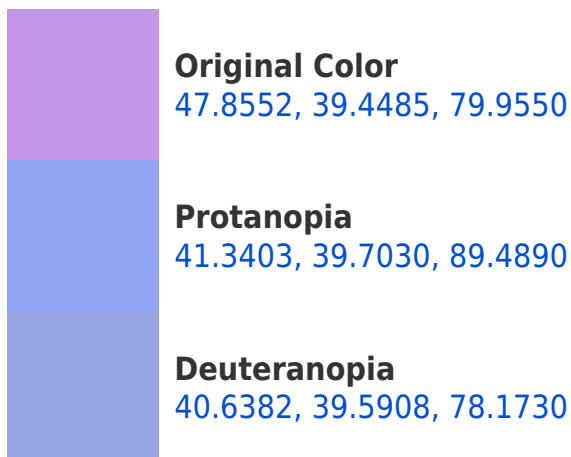


This preview shows how white text looks on a background with the XYZ color 47.8552, 39.4485,

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

40.9079, 39.3749, 46.0015

Trichromacy



Original Color

47.8552, 39.4485, 79.9550



Protanomaly

43.2817, 39.4493, 86.2222



Deuteranomaly

42.8969, 39.4160, 78.7459



Tritanomaly

43.0635, 39.2127, 56.9289

Monochromacy



Original Color

47.8552, 39.4485, 79.9550



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

42.2488, 40.6291, 56.6544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8552, 39.4485, 79.9550 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(195, 151, 230)` looks like.

```
.text, #text, p{  
    color:rgb(195, 151, 230)  
}
```

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(195, 151, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 151, 230) }
```

Border

The CSS property to change the border of an element to XYZ 47.8552, 39.4485, 79.9550 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(195, 151, 230) }
```


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

```
.border{ border-color:rgb(195, 151, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 151, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 151, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 151, 230);  
box-shadow:4px 4px 4px 4px rgb(195, 151,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8552, 39.4485, 79.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 151, 230) }
```

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

```
.background{ background-color: rgb(195,  
151, 230) }
```

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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