

Converting Colors

XYZ(49.3197, 39.9810, 37.0160)

Have a look what the booklet for
XYZ(49.3197, 39.9810, 37.0160)
contains.

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Color

**XYZ(49.3197, 39.9810,
37.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	E7929D
RGB	231, 146, 157
RGB Percent	91%, 57%, 62%
CMY	0.0941, 0.4274, 0.3843
CMYK	0.00, 0.37, 0.32, 0.09
HSL	352°, 64%, 74%
HSV	352°, 37%, 91%
XYZ	49.3197, 39.9810, 37.0160
YIQ	172.6690, 47.1290, 21.4410

Conversions

Conversions Part 2

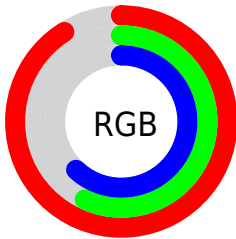
Format	Color
R _Y B	231, 146, 157
Decimal	15176349
CIE Lab	69.46, 33.44, 7.75
CIE LCh	69, 34.330, 13.051
Yxy	39.9810, 0.3904, 0.3165
Android (android.graphics.Color)	4293366429 (0xFFE7929D)
YUV	172.6690, -7.7248, 51.1563
Hunter-Lab	63.2305, 28.5762, 9.5522

Details

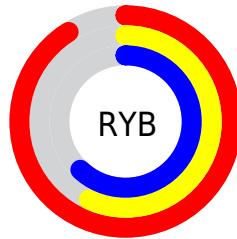
The XYZ color **49.3197, 39.9810, 37.0160** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.3500, 68.4311, 78.1104**, and the grayscale version is **39.5742, 41.6352, 45.3407**.

A 20% lighter version of the original color is **73.8845, 67.7364, 70.8083**, and **23.8378, 17.9303, 15.8402** is the 20% darker color. If you saturate the color by 10%, you get **44.5338, 32.9345, 27.6351**, and if you desaturate by 10%, it is **55.1098, 48.5832, 48.1269**.

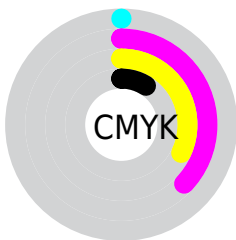
Distribution



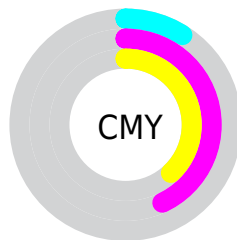
- Red (91%)
- Green (57%)
- Blue (62%)



- Red (91%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3197, 39.9810, 37.0160 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 49.3197, 39.9810, 37.0160 by changing the saturation by 10% instead.


 49.3197, 39.9810,
37.0160


 49.3197, 39.9810,
37.0160


374.4957,
346.0435, 348.5506

 35.0887, 27.5237,
24.9240


 88.3640, 75.1346,
71.7840

 23.8981, 17.9669,
15.8019


 113.9080, 98.5997,
95.2971

 15.3824, 10.9263,
9.2313


143.9537,
126.5028, 123.4542

 9.1762, 6.0173,
4.7935

178.8665,
159.2285, 156.6741

 4.9143, 2.8556,
2.0700

219.0118,
197.1610, 195.3751

 2.2313, 1.0568,
0.5978

264.7548,

 0.7592, 0.0000,

240.6847, 239.9758

0.0000

316.4610,
290.1841, 290.8948

■ 0.0000, 0.0000,
0.0000

■ 49.3197, 39.9810,
37.0160

■ 49.3197, 39.9810,
37.0160

■ 44.5338, 32.9345,
27.6351

■ 55.1098, 48.5832,
48.1269

■ 40.6915, 27.3453,
19.8947

■ 61.9538, 58.8203,
61.0465

■ 37.7305, 23.1125,
13.7003

■ 69.9017, 70.7731,
75.8516

■ 35.5798, 20.1203,
8.9473

■ 78.9996, 84.5154,
92.6138

■ 34.1569, 18.2332,
5.5175

■ 86.7651, 95.7290,
108.5123

■ 33.3590, 17.2791,
3.2727

■ 33.1879, 17.0821,
2.7684

Harmonies

Analogous

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



49.0975, 39.9810, 53.0194



49.3197, 39.9810, 37.0160



46.3058, 39.9810, 25.8885

Triad

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



49.3197, 39.9810, 37.0160



31.1991, 39.9810, 24.8674



34.9867, 39.9810, 79.6103

Complementary

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



49.3197, 39.9810, 37.0160



53.3500, 68.4311, 78.1104

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.



30.7532, 39.9810, 67.7848



49.3197, 39.9810, 37.0160



28.7162, 39.9810, 35.2507

Square

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



49.3197, 39.9810, 37.0160



35.6515, 39.9810, 20.1084



28.5614, 39.9810, 50.7722



40.4510, 39.9810, 80.4140

Rectangle

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



49.3197, 39.9810, 37.0160



43.0223, 39.9810, 21.6510



28.5614, 39.9810, 50.7722



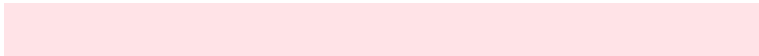
33.3860, 39.9810, 76.6821

Sweetspot

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



49.3208, 39.9829, 37.0168



83.0598, 81.9166, 86.7234



54.1183, 41.4930, 80.7581



17.4879, 17.0968, 18.0215



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.



49.3208, 39.9829, 37.0168



57.1452, 43.2900, 37.3832



53.8997, 50.5762, 34.1179



14.4525, 14.3982, 15.3173



18.6306, 9.5865, 1.6838



1.4014, 0.7183, 0.2542

Inverse Universe

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



49.3208, 39.9829, 37.0168



57.1452, 43.2900, 37.3832



46.8952, 53.1135, 83.3818



14.4525, 14.3982, 15.3173



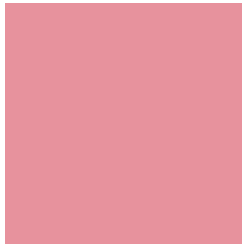
18.6306, 9.5865, 1.6838



1.4014, 0.7183, 0.2542

Previews

White Background



This preview shows how the XYZ color 49.3197, 39.9810, 37.0160 looks on a white background.

Color Contrast Check

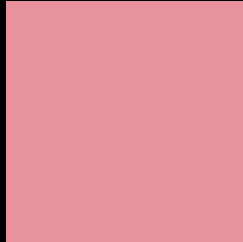
Large Text (above 18pt) WCAG AA × Fail

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 49.3197, 39.9810, 37.0160 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 49.3197, 39.9810, 37.0160

Background



This preview shows how black text looks on a background with the XYZ color 49.3197, 39.9810, 37.0160.



This preview shows how white text looks on a background with the XYZ color 49.3197, 39.9810,

37.0160.

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

49.3197, 39.9810, 37.0160

Protanopia

38.6772, 40.1625, 43.7438

Deuteranopia

40.8464, 40.0905, 36.1572



Tritanopia

49.3197, 39.9810, 37.0160

Trichromacy



Original Color

49.3197, 39.9810, 37.0160

Protanomaly

41.7845, 39.6757, 41.0532

Deuteranomaly

43.4270, 39.6023, 36.3655

Tritanomaly

49.3197, 39.9810, 37.0160

Monochromacy



Original Color

49.3197, 39.9810, 37.0160

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.3204, 40.4537, 42.1370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3197, 39.9810, 37.0160 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(231, 146, 157)` looks like.

```
.text, #text, p{  
    color:rgb(231, 146, 157)  
}
```

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(231, 146, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 146, 157) }
```

Border

The CSS property to change the border of an element to XYZ 49.3197, 39.9810, 37.0160 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(231, 146, 157) }
```


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

```
.border{ border-color:rgb(231, 146, 157) }
```

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

Here you see how a box with a 4 pixel rgb(231, 146, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 146, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 146, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 146,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3197, 39.9810, 37.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 146, 157) }
```

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

```
.background{ background-color: rgb(231,  
146, 157) }
```

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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