

Converting Colors

XYZ(39.1387, 39.7511, 47.4027)

Have a look what the booklet for
XYZ(39.1387, 39.7511, 47.4027)
contains.

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Color

**XYZ(39.2101, 39.8104,
47.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA7B1
RGB	174, 167, 177
RGB Percent	68%, 65%, 69%
CMY	0.3176, 0.3451, 0.3059
CMYK	0.02, 0.06, 0.00, 0.31
HSL	282°, 6%, 67%
HSV	282°, 6%, 69%
XYZ	39.2101, 39.8104, 47.2126
YIQ	170.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

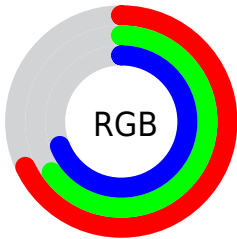
Format	Color
RYB	174, 167, 177
Decimal	11446193
CIELab	69.33, 4.39, -4.25
CIELCh	69, 6.111, 315.938
Yxy	39.8104, 0.3106, 0.3154
Android (android.graphics.Color)	4289636273 (0xFFAEA7B1)
YUV	170.2330, 3.3361, 3.3037
Hunter-Lab	63.0955, 0.5101, -0.1982

Details

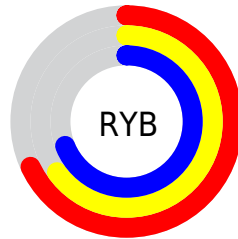
The XYZ color **39.2101, 39.8104, 47.2126** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2762, 42.7814, 42.7487**, and the grayscale version is **38.3092, 40.3042, 43.8913**.

A 20% lighter version of the original color is **73.1424, 74.7838, 87.6705**, and **17.7949, 17.8543, 21.5771** is the 20% darker color. If you saturate the color by 10%, you get **35.0273, 33.1663, 46.1512**, and if you desaturate by 10%, it is **43.8858, 47.3696, 48.4258**.

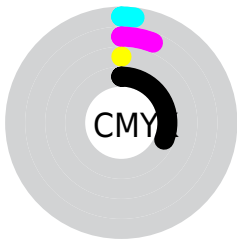
Distribution



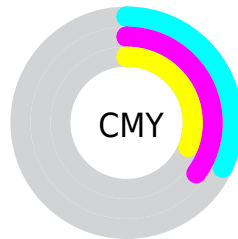
- Red (68%)
- Green (65%)
- Blue (69%)



- Red (68%)
- Yellow (65%)
- Blue (69%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (32%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2101, 39.8104, 47.2126 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 39.2101, 39.8104, 47.2126 by changing the saturation by 10% instead.

■ 39.2101, 39.8104,
47.2126

■ 39.2101, 39.8104,
47.2126

333.9747,
345.3238, 392.0808

■ 27.1047, 27.3907,
32.8482

■ 73.2512, 74.8747,
87.3842

■ 17.7888, 17.8669,
21.7400

■ 95.9176, 98.2882,
114.0285

■ 10.8973, 10.8545,
13.4695

122.8349,
126.1350, 145.6031

■ 6.0646, 5.9691,
7.6181

154.3687,
158.7996, 182.5266

■ 2.9254, 2.8263,
3.7673

190.8842,
196.6664, 225.2177

■ 1.1144, 1.0417,
1.4986

232.7468,

■ 0.0372, 0.0000,

240.1198, 274.0947

0.2169

280.3219,
289.5441, 329.5762

■ 0.0000, 0.0000,
0.0000

■ 39.2101, 39.8104,
47.2126

■ 39.2101, 39.8104,
47.2126

■ 35.0273, 33.1663,
46.1512

■ 43.8858, 47.3696,
48.4258

■ 31.3155, 27.3962,
45.2331

■ 49.0684, 55.8730,
49.7940

■ 28.0562, 22.4632,
44.4527

■ 54.7756, 65.3544,
51.3233

■ 25.2283, 18.3259,
43.8032

■ 61.0230, 75.8446,
53.0188

■ 22.8088, 14.9392,
43.2770

■ 67.6646, 87.0507,
54.8318

■ 20.7725, 12.2535,
42.8660

■ 69.1132, 87.7975,
54.8996

■ 19.0910, 10.2130,
42.5607

■ 70.6116, 88.5699,
54.9697

■ 17.7317, 8.7532,
42.3506

■ 72.1604, 89.3683,
55.0422

■ 16.6532, 7.7924,
42.2220

■ 73.7598, 90.1929,
55.1170

Harmonies

Analogous

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



38.3589, 39.8104, 48.7507



39.2101, 39.8104, 47.2126



39.6977, 39.8104, 44.6724

Triad

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



39.2101, 39.8104, 47.2126



38.2987, 39.8104, 38.3155



36.0539, 39.8104, 44.8470

Complementary

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



39.2101, 39.8104, 47.2126



39.2762, 42.7814, 42.7487

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.



36.0384, 39.8104, 42.0476



39.2101, 39.8104, 47.2126



37.3231, 39.8104, 38.3577

Square

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



39.2101, 39.8104, 47.2126



39.1654, 39.8104, 39.5801



36.4994, 39.8104, 39.6979



36.5421, 39.8104, 47.3451

Rectangle

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



39.2101, 39.8104, 47.2126



39.7456, 39.8104, 42.7903



36.4994, 39.8104, 39.6979



35.9935, 39.8104, 43.9080

Sweetspot

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



39.2113, 39.8121, 47.2135



73.1475, 76.0009, 85.3097



38.2797, 40.2035, 47.3381



15.8721, 16.5026, 18.4931



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2113, 39.8121, 47.2135



69.0681, 69.4488, 84.2600



39.7056, 40.0879, 46.2893



8.7798, 8.8081, 10.7437



11.8239, 5.4312, 30.5621



0.4275, 0.1995, 0.9642

Inverse Universe

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



39.2073, 39.8886, 43.6650



69.0651, 69.6234, 76.3037



38.8057, 42.5191, 43.6176



8.7796, 8.8315, 9.6814



13.6283, 6.9689, 3.2024



0.4553, 0.2299, 0.2401

Previews

White Background



This preview shows how the XYZ color 39.2101, 39.8104, 47.2126 looks on a white background.

Color Contrast Check

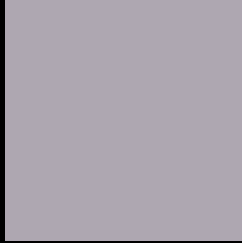
Large Text (above 18pt) WCAG AA × Fail

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 39.2101, 39.8104, 47.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

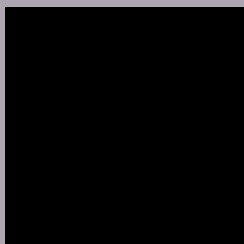
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

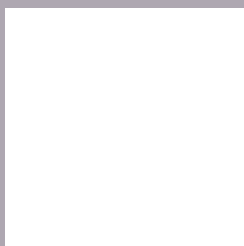
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2101, 39.8104, 47.2126

Background



This preview shows how black text looks on a background with the XYZ color 39.2101, 39.8104, 47.2126.



This preview shows how white text looks on a background with the XYZ color 39.2101, 39.8104,

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

39.2101, 39.8104, 47.2126

Protanopia

38.6161, 39.7657, 47.7597

Deuteranopia

40.6027, 39.7104, 47.6443



Tritanopia

39.5125, 39.9314, 48.8050

Trichromacy



Original Color

39.2101, 39.8104, 47.2126

Protanomaly

38.8331, 39.8775, 47.7699

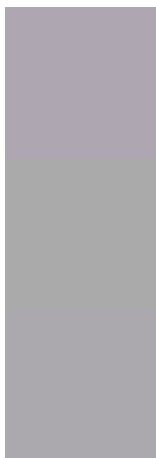
Deuteranomaly

40.0814, 39.7083, 47.6714

Tritanomaly

39.4110, 39.8908, 48.2703

Monochromacy



Original Color

39.2101, 39.8104, 47.2126

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5254, 40.0510, 45.2353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2101, 39.8104, 47.2126 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(174, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 167, 177)  
}
```

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(174, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 167, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.2101, 39.8104, 47.2126 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(174, 167, 177) }
```


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

```
.border{ border-color:rgb(174, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 167,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2101, 39.8104, 47.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 167, 177) }
```

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

```
.background{ background-color: rgb(174,  
167, 177) }
```

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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