

Converting Colors

XYZ(39.0787, 39.1862, 47.0123)

Have a look what the booklet for
XYZ(39.0787, 39.1862, 47.0123)
contains.

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Color

**XYZ(39.0701, 39.1986,
47.1018)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA5B1
RGB	175, 165, 177
RGB Percent	69%, 65%, 69%
CMY	0.3137, 0.3529, 0.3059
CMYK	0.01, 0.07, 0.00, 0.31
HSL	290°, 7%, 67%
HSV	290°, 7%, 69%
XYZ	39.0701, 39.1986, 47.1018
YIQ	169.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

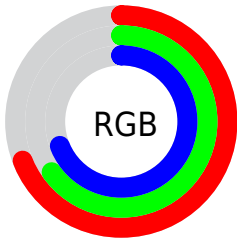
Format	Color
R _Y B	175, 165, 177
Decimal	11511217
CIE Lab	68.89, 5.84, -4.89
CIE LCh	69, 7.618, 320.074
Yxy	39.1986, 0.3116, 0.3127
Android (android.graphics.Color)	4289701297 (0xFFAFA5B1)
YUV	169.3580, 3.7675, 4.9480
Hunter-Lab	62.6088, 1.8249, -0.7789

Details

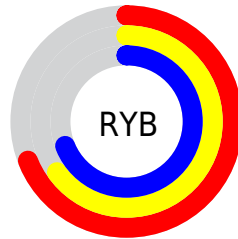
The XYZ color **39.0701, 39.1986, 47.1018** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4516, 42.3775, 41.7525**, and the grayscale version is **37.8715, 39.8438, 43.3899**.

A 20% lighter version of the original color is **73.2562, 74.0585, 87.5245**, and **17.7116, 17.4764, 21.5086** is the 20% darker color. If you saturate the color by 10%, you get **35.4412, 32.9129, 46.0804**, and if you desaturate by 10%, it is **43.1576, 46.3789, 48.2729**.

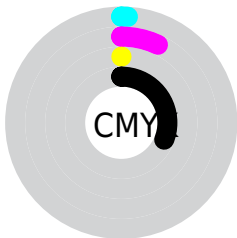
Distribution



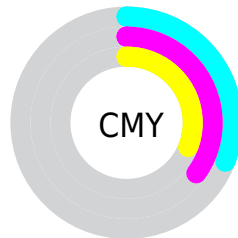
- Red (69%)
- Green (65%)
- Blue (69%)



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



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0701, 39.1986, 47.1018 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 39.0701, 39.1986, 47.1018 by changing the saturation by 10% instead.

■ 39.0701, 39.1986,
47.1018

■ 39.0701, 39.1986,
47.1018

333.3905,
342.7341, 391.6262

■ 26.9952, 26.9143,
32.7612

■ 73.0388, 73.9416,
87.2171

■ 17.7062, 17.5088,
21.6740

■ 95.6633, 97.1691,
113.8290

■ 10.8377, 10.5979,
13.4215

122.5351,
124.8130, 145.3683

■ 6.0243, 5.7972,
7.5853

154.0195,
157.2579, 182.2536

■ 2.9006, 2.7221,
3.7468

190.4819,
194.8880, 224.9036

■ 1.1014, 0.9885,
1.4875

232.2876,

■ 0.0263, 0.0000,

238.0879, 273.7366

0.2086

279.8020,
287.2417, 329.1713

■ 0.0000, 0.0000,
0.0000

■ 39.0701, 39.1986,
47.1018

■ 39.0701, 39.1986,
47.1018

■ 35.4412, 32.9129,
46.0804

■ 43.1576, 46.3789,
48.2729

■ 32.2494, 27.4805,
45.2001

■ 47.7174, 54.4826,
49.5967

■ 29.4763, 22.8645,
44.4552

■ 52.7667, 63.5439,
51.0796

■ 27.1013, 19.0234,
43.8390

■ 58.3211, 73.5932,
52.7266

■ 25.1015, 15.9119,
43.3438

■ 64.3952, 84.6600,
54.5425

■ 23.4519, 13.4799,
42.9613

■ 65.6137, 85.9934,
54.7357

■ 22.1243, 11.6712,
42.6822

■ 66.3722, 86.3844,
54.7712

■ 21.0858, 10.4202,
42.4955

■ 67.1457, 86.7832,
54.8074

■ 20.2905, 9.6353,
42.3859

■ 67.9344, 87.1897,
54.8443

Harmonies

Analogous

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



38.0615, 39.1986, 49.2505



39.0701, 39.1986, 47.1018



39.5964, 39.1986, 43.8396

Triad

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



39.0701, 39.1986, 47.1018



37.6596, 39.1986, 36.4473



35.1141, 39.1986, 45.0090

Complementary

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



39.0701, 39.1986, 47.1018



38.4516, 42.3775, 41.7525

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.



35.0118, 39.1986, 41.5423



39.0701, 39.1986, 47.1018



36.4641, 39.1986, 36.7227

Square

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



39.0701, 39.1986, 47.1018



38.7705, 39.1986, 37.7716



35.5011, 39.1986, 38.5451



35.7836, 39.1986, 47.9976

Rectangle

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



39.0701, 39.1986, 47.1018



39.5953, 39.1986, 41.5255



35.5011, 39.1986, 38.5451



35.0128, 39.1986, 43.8569

Sweetspot

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



39.0712, 39.2003, 47.1027



73.3422, 76.1013, 85.3188



37.3100, 38.8863, 47.1349



15.9120, 16.5232, 18.4950



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.



39.0712, 39.2003, 47.1027



69.0437, 68.5830, 84.0942



39.1500, 39.2841, 45.1569



8.7082, 8.5736, 10.7022



14.5754, 6.8497, 30.6909



0.4955, 0.2345, 0.9674

Inverse Universe

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



38.5631, 39.0493, 42.0662



67.9653, 68.2638, 73.3472



38.3833, 42.3017, 43.5814



8.5523, 8.5276, 9.1406



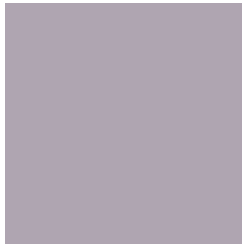
13.3179, 6.8447, 1.5680



0.4366, 0.2224, 0.1420

Previews

White Background



This preview shows how the XYZ color 39.0701, 39.1986, 47.1018 looks on a white background.

Color Contrast Check

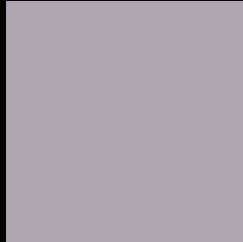
Large Text (above 18pt) WCAG AA × Fail

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 39.0701, 39.1986, 47.1018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

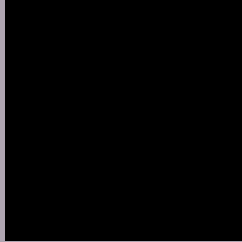
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0701, 39.1986, 47.1018

Background



This preview shows how black text looks on a background with the XYZ color 39.0701, 39.1986, 47.1018.



This preview shows how white text looks on a background with the XYZ color 39.0701, 39.1986,

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

39.0701, 39.1986, 47.1018

Protanopia

38.0030, 39.1766, 47.6783

Deuteranopia

39.8554, 39.0720, 47.0360



Tritanopia

39.1702, 39.2386, 47.6288

Trichromacy



Original Color

39.0701, 39.1986, 47.1018

Protanomaly

38.4667, 39.1447, 47.6478

Deuteranomaly

39.5714, 39.1902, 47.0738

Tritanomaly

39.1702, 39.2386, 47.6288

Monochromacy



Original Color

39.0701, 39.1986, 47.1018

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2436, 39.6417, 44.6657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0701, 39.1986, 47.1018 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(175, 165, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 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(175, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.0701, 39.1986, 47.1018 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(175, 165, 177) }
```


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

```
.border{ border-color:rgb(175, 165, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0701, 39.1986, 47.1018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 177) }
```

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

```
.background{ background-color: rgb(175,  
165, 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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