

Converting Colors

XYZ(39.5416, 39.4696, 47.1297)

Have a look what the booklet for
XYZ(39.5416, 39.4696, 47.1297)
contains.

XYZ(39.5224, 39.4317, 47.1230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.5224, 39.4317,
47.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A5B1
RGB	177, 165, 177
RGB Percent	69%, 65%, 69%
CMY	0.3059, 0.3529, 0.3059
CMYK	0.00, 0.07, 0.00, 0.31
HSL	300°, 7%, 67%
HSV	300°, 7%, 69%
XYZ	39.5224, 39.4317, 47.1230
YIQ	169.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

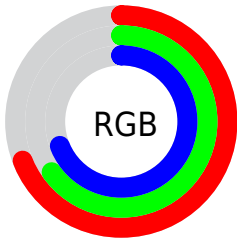
Format	Color
RYB	177, 165, 177
Decimal	11642289
CIELab	69.06, 6.55, -4.62
CIELCh	69, 8.014, 324.779
Yxy	39.4317, 0.3135, 0.3128
Android (android.graphics.Color)	4289832369 (0xFFB1A5B1)
YUV	169.9560, 3.4727, 6.1776
Hunter-Lab	62.7947, 2.4556, -0.5367

Details

The XYZ color **39.5224, 39.4317, 47.1230** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0322, 42.1613, 41.7328**, and the grayscale version is **38.1696, 40.1574, 43.7314**.

A 20% lighter version of the original color is **73.9055, 74.3932, 87.5549**, and **17.8554, 17.5506, 21.5153** is the 20% darker color. If you saturate the color by 10%, you get **36.5487, 33.4838, 46.1322**, and if you desaturate by 10%, it is **42.9402, 46.2667, 48.2628**.

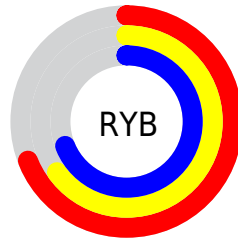
Distribution



Red (69%)

Green (65%)

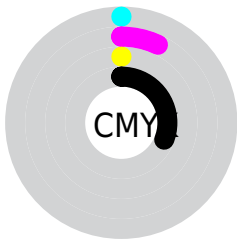
Blue (69%)



Red (69%)

Yellow (65%)

Blue (69%)

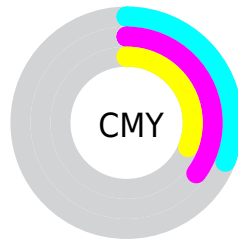


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5224, 39.4317, 47.1230 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 39.5224, 39.4317, 47.1230 by changing the saturation by 10% instead.

■ 39.5224, 39.4317,
47.1230

■ 39.5224, 39.4317,
47.1230

335.2755,
343.7224, 391.7132

■ 27.3489, 27.0957,
32.7779

■ 73.7247, 74.2973,
87.2491

■ 17.9734, 17.6451,
21.6866

■ 96.4842, 97.5958,
113.8671

■ 11.0305, 10.6955,
13.4307

123.5030,
125.3172, 145.4132

■ 6.1548, 5.8625,
7.5916

155.1466,
157.8460, 182.3059

■ 2.9810, 2.7616,
3.7507

191.7803,
195.5665, 224.9637

■ 1.1437, 1.0086,
1.4896

233.7694,

■ 0.0612, 0.0000,

238.8631, 273.8052

0.2102

281.4794,
288.1203, 329.2488

■ 0.0000, 0.0000,
0.0000

■ 39.5224, 39.4317,
47.1230

■ 39.5224, 39.4317,
47.1230

■ 36.5487, 33.4838,
46.1322

■ 42.9402, 46.2667,
48.2628

■ 33.9977, 28.3817,
45.2819

■ 46.8157, 54.0178,
49.5546

■ 31.8512, 24.0887,
44.5664

■ 51.1662, 62.7187,
51.0048

■ 30.0885, 20.5633,
43.9788

■ 56.0069, 72.4001,
52.6184

■ 28.6869, 17.7602,
43.5116

■ 61.3525, 83.0913,
54.4002

■ 27.6215, 15.6294,
43.1564

■ 61.8277, 84.0416,
54.5586

■ 26.8641, 14.1146,
42.9040

■ 61.8277, 84.0416,
54.5587

■ 26.3821, 13.1505,
42.7433

■ 61.8277, 84.0416,
54.5587

■ 26.1295, 12.6454,
42.6591

■ 61.8277, 84.0416,
54.5587

Harmonies

Analogous

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



38.5181, 39.4317, 49.6471



39.5224, 39.4317, 47.1230



39.9797, 39.4317, 43.5781

Triad

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



39.5224, 39.4317, 47.1230



37.7027, 39.4317, 36.2997



35.2913, 39.4317, 45.9524

Complementary

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



39.5224, 39.4317, 47.1230



38.0322, 42.1613, 41.7328

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.



35.0841, 39.4317, 42.2971



39.5224, 39.4317, 47.1230



36.4580, 39.4317, 36.8558

Square

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



39.5224, 39.4317, 47.1230



38.9140, 39.4317, 37.4374



35.5066, 39.4317, 39.0017



36.0790, 39.4317, 48.9448

Rectangle

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



39.5224, 39.4317, 47.1230



39.9055, 39.4317, 41.1639



35.5066, 39.4317, 39.0017



35.1522, 39.4317, 44.7549

Sweetspot

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



39.5235, 39.4334, 47.1239



73.5866, 76.2273, 85.3302



36.9097, 38.0859, 47.0015



15.9620, 16.5490, 18.4973



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.



39.5235, 39.4334, 47.1239



70.0147, 69.0836, 84.1396



38.9386, 39.1994, 44.0434



8.8501, 8.6467, 10.7089



18.8866, 9.0722, 30.8926



0.5943, 0.2854, 0.9720

Inverse Universe

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



39.5235, 39.4334, 47.1239



70.0147, 69.0836, 84.1396



38.5912, 42.3849, 44.6765



8.8501, 8.6467, 10.7089



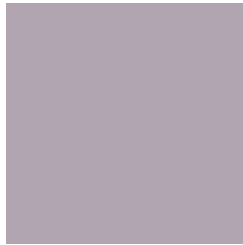
18.8866, 9.0722, 30.8926



0.5943, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 39.5224, 39.4317, 47.1230 looks on a white background.

Color Contrast Check

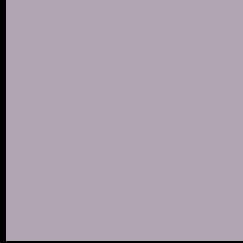
Large Text (above 18pt) WCAG AA × Fail

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 39.5224, 39.4317, 47.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

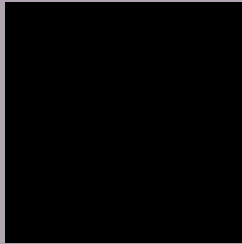
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5224, 39.4317, 47.1230

Background



This preview shows how black text looks on a background with the XYZ color 39.5224, 39.4317, 47.1230.



This preview shows how white text looks on a background with the XYZ color 39.5224, 39.4317,

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

39.5224, 39.4317, 47.1230

Protanopia

38.5015, 39.6950, 48.2805

Deuteranopia

40.2673, 39.5490, 47.1064



Tritanopia

39.6225, 39.4717, 47.6500

Trichromacy



Original Color

39.5224, 39.4317, 47.1230

Protanomaly

38.8679, 39.6224, 47.7188

Deuteranomaly

40.0337, 39.4285, 47.0954

Tritanomaly

39.6225, 39.4717, 47.6500

Monochromacy



Original Color

39.5224, 39.4317, 47.1230

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.7790, 39.9066, 45.1940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5224, 39.4317, 47.1230 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, 165, 177)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 39.5224, 39.4317, 47.1230 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, 165, 177) }
```


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

```
.border{ border-color:rgb(177, 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(177, 165, 177)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 39.5224, 39.4317, 47.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(177,  
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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