

Converting Colors

XYZ(41.9044, 43.1395, 49.0691)

Have a look what the booklet for
XYZ(41.9044, 43.1395, 49.0691)
contains.

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Color

**XYZ(41.9647, 43.1511,
49.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AEB4
RGB	179, 174, 180
RGB Percent	70%, 68%, 71%
CMY	0.2980, 0.3176, 0.2941
CMYK	0.01, 0.03, 0.00, 0.29
HSL	290°, 4%, 69%
HSV	290°, 3%, 71%
XYZ	41.9647, 43.1511, 49.2972
YIQ	176.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

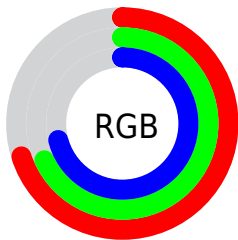
Format	Color
RYB	179, 174, 180
Decimal	11775668
CIELab	71.66, 2.90, -2.44
CIELCh	72, 3.788, 319.896
Yxy	43.1511, 0.3122, 0.3210
Android (android.graphics.Color)	4289965748 (0xFFB3AEB4)
YUV	176.1790, 1.8838, 2.4740
Hunter-Lab	65.6895, -0.9247, 1.4880

Details

The XYZ color **41.9647, 43.1511, 49.2972** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6420, 44.8136, 46.5017**, and the grayscale version is **41.3513, 43.5048, 47.3768**.

A 20% lighter version of the original color is **77.4206, 79.7569, 90.6710**, and **19.3945, 19.8870, 22.8950** is the 20% darker color. If you saturate the color by 10%, you get **38.0321, 36.3038, 48.1835**, and if you desaturate by 10%, it is **46.3809, 50.9419, 50.5689**.

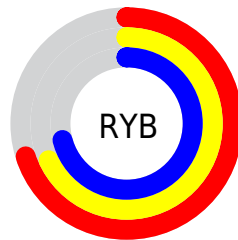
Distribution



Red (70%)

Green (68%)

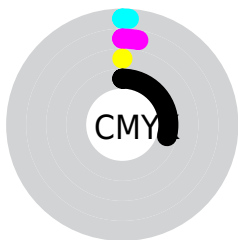
Blue (71%)



Red (70%)

Yellow (68%)

Blue (71%)

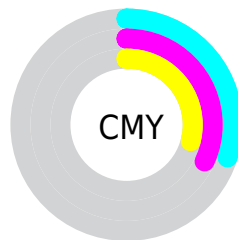


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9647, 43.1511, 49.2972 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 41.9647, 43.1511, 49.2972 by changing the saturation by 10% instead.

■ 41.9647, 43.1511,
49.2972

■ 41.9647, 43.1511,
49.2972

345.3307,
359.2328, 400.5672

■ 29.2646, 30.0037,
34.4880

■ 77.4117, 79.9388,
90.5183

■ 19.4264, 19.8414,
22.9884

100.8893,
104.3479, 117.7672

■ 12.0846, 12.2798,
14.3797

128.6902,
133.2797, 149.9999

■ 6.8739, 6.9345,
8.2435

161.1797,
167.1186, 187.6347

■ 3.4290, 3.4212,
4.1611

198.7231,
206.2489, 231.0904

■ 1.3845, 1.3554,
1.7142

241.6859,

■ 0.2451, 0.1835,

251.0552, 280.7853

0.3704

290.4333,
301.9217, 337.1381

■ 0.0000, 0.0000,
0.0000

■ 41.9647, 43.1511,
49.2972

■ 41.9647, 43.1511,
49.2972

■ 38.0321, 36.3038,
48.1835

■ 46.3809, 50.9419,
50.5689

■ 34.5609, 30.3576,
47.2187

■ 51.2944, 59.7054,
52.0014

■ 31.5326, 25.2751,
46.3973

■ 56.7230, 69.4765,
53.6013

■ 28.9260, 21.0141,
45.7122

■ 62.6826, 80.2867,
55.3738

■ 26.7182, 17.5287,
45.1558

■ 66.2479, 86.2854,
56.3437

■ 24.8839, 14.7688,
44.7198

■ 67.0260, 86.6865,
56.3802

■ 23.3950, 12.6781,
44.3947

■ 67.8198, 87.0957,
56.4173

■ 22.2192, 11.1921,
44.1698

■ 68.6292, 87.5130,
56.4552

■ 21.3175, 10.2331,
44.0323

■ 69.4545, 87.9385,
56.4938

Harmonies

Analogous

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



41.4351, 43.1511, 50.3855



41.9647, 43.1511, 49.2972



42.2404, 43.1511, 47.6068

Triad

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



41.9647, 43.1511, 49.2972



41.2307, 43.1511, 43.5909



39.8647, 43.1511, 48.1969

Complementary

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



41.9647, 43.1511, 49.2972



41.6420, 44.8136, 46.5017

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.



39.8112, 43.1511, 46.3671



41.9647, 43.1511, 49.2972



40.5954, 43.1511, 43.7396

Square

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



41.9647, 43.1511, 49.2972



41.8137, 43.1511, 44.3332



40.0774, 43.1511, 44.7447



40.2242, 43.1511, 49.7388

Rectangle

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



41.9647, 43.1511, 49.2972



42.2412, 43.1511, 46.3796



40.0774, 43.1511, 44.7447



39.8104, 43.1511, 47.5940

Sweetspot

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



41.9659, 43.1530, 49.2981



77.8661, 81.3592, 89.8945



41.0450, 42.9948, 49.3162



16.8388, 17.6007, 19.4320



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.9659, 43.1530, 49.2981



75.5372, 77.2720, 89.2284



42.0057, 43.1956, 48.2969



9.1181, 9.2886, 10.8186



14.5757, 6.8499, 30.6909



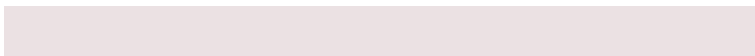
0.4955, 0.2345, 0.9674

Inverse Universe

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



41.6978, 43.0725, 46.6756



74.9475, 77.0954, 83.4450



41.6049, 44.7729, 47.4734



9.0365, 9.2642, 10.0173



13.3179, 6.8447, 1.5679



0.4366, 0.2224, 0.1420

Previews

White Background



This preview shows how the XYZ color 41.9647, 43.1511, 49.2972 looks on a white background.

Color Contrast Check

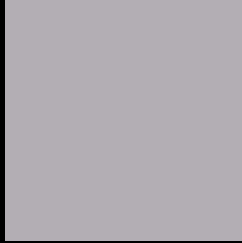
Large Text (above 18pt) WCAG AA × Fail

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 41.9647, 43.1511, 49.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

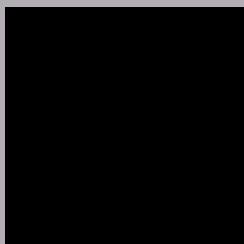
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9647, 43.1511, 49.2972

Background



This preview shows how black text looks on a background with the XYZ color 41.9647, 43.1511, 49.2972.

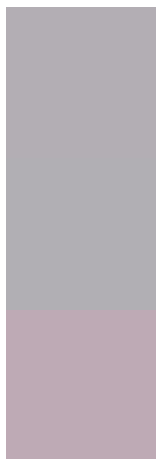


This preview shows how white text looks on a background with the XYZ color 41.9647, 43.1511,

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

41.9647, 43.1511, 49.2972

Protanopia

41.6997, 43.3023, 49.3404

Deuteranopia

43.9504, 43.0328, 49.7058



Tritanopia

42.7356, 43.1783, 53.0955

Trichromacy



Original Color

41.9647, 43.1511, 49.2972

Protanomaly

41.9283, 43.4202, 49.3511

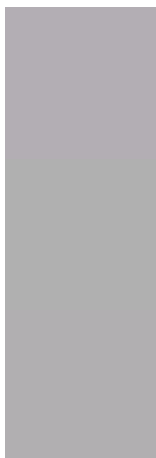
Deuteranomaly

43.1531, 42.9011, 49.7224

Tritanomaly

42.4177, 43.0511, 51.4214

Monochromacy



Original Color

41.9647, 43.1511, 49.2972

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3972, 43.1814, 47.7479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9647, 43.1511, 49.2972 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(179, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 180)  
}
```

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(179, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 180) }
```

Border

The CSS property to change the border of an element to XYZ 41.9647, 43.1511, 49.2972 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(179, 174, 180) }
```


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

```
.border{ border-color:rgb(179, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9647, 43.1511, 49.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 180) }
```

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

```
.background{ background-color: rgb(179,  
174, 180) }
```

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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