

Converting Colors

XYZ(40.4470, 39.9083, 47.1663)

Have a look what the booklet for
XYZ(40.4470, 39.9083, 47.1663)
contains.

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Color

**XYZ(40.4470, 39.9083,
47.1663)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A5B1
RGB	181, 165, 177
RGB Percent	71%, 65%, 69%
CMY	0.2902, 0.3529, 0.3059
CMYK	0.00, 0.09, 0.02, 0.29
HSL	315°, 10%, 68%
HSV	315°, 9%, 71%
XYZ	40.4470, 39.9083, 47.1663
YIQ	171.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

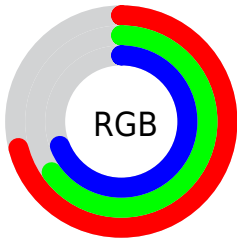
Format	Color
RYB	181, 165, 177
Decimal	11904433
CIELab	69.40, 7.96, -4.08
CIElCh	69, 8.948, 332.873
Yxy	39.9083, 0.3172, 0.3130
Android (android.graphics.Color)	4290094513 (0xFFB5A5B1)
YUV	171.1520, 2.8831, 8.6367
Hunter-Lab	63.1730, 3.7332, -0.0460

Details

The XYZ color **40.4470, 39.9083, 47.1663** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2038, 43.9127, 43.9479**, and the grayscale version is **38.7699, 40.7890, 44.4192**.

A 20% lighter version of the original color is **75.2262, 75.0741, 87.6167**, and **18.4453, 17.8547, 21.5429** is the 20% darker color. If you saturate the color by 10%, you get **36.9673, 33.6584, 43.8178**, and if you desaturate by 10%, it is **44.4060, 47.0918, 50.7493**.

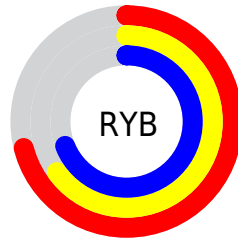
Distribution



Red (71%)

Green (65%)

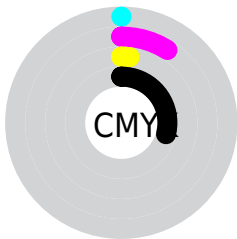
Blue (69%)



Red (71%)

Yellow (65%)

Blue (69%)

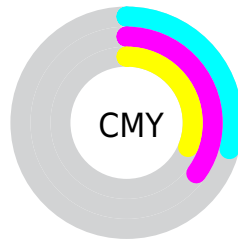


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4470, 39.9083, 47.1663 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 40.4470, 39.9083, 47.1663 by changing the saturation by 10% instead.

■ 40.4470, 39.9083,
47.1663

■ 40.4470, 39.9083,
47.1663

339.1062,
345.7369, 391.8909

■ 28.0730, 27.4671,
32.8119

■ 75.1237, 75.0239,
87.3144

■ 18.5214, 17.9243,
21.7124

■ 98.1572, 98.4670,
113.9451

■ 11.4269, 10.8957,
13.4494

125.4745,
126.3461, 145.5050

■ 6.4242, 5.9967,
7.6044

157.4410,
159.0458, 182.4126

■ 3.1478, 2.8431,
3.7588

194.4220,
196.9503, 225.0864

■ 1.2324, 1.0504,
1.4940

236.7830,

■ 0.1317, 0.0000,

240.4440, 273.9451

0.2134

284.8893,
289.9115, 329.4071

■ 0.0000, 0.0000,
0.0000

■ 40.4470, 39.9083,
47.1663

■ 40.4470, 39.9083,
47.1663

■ 36.9673, 33.6584,
43.8178

■ 44.4060, 47.0918,
50.7493

■ 33.9440, 28.2981,
40.6941

■ 48.8592, 55.2400,
54.5711

■ 31.3574, 23.7878,
37.7885

■ 53.8250, 64.3890,
58.6390

■ 29.1851, 20.0829,
35.0925

■ 59.3200, 74.5717,
62.9591

■ 27.4026, 17.1345,
32.5975

■ 65.1985, 85.4968,
67.4837

■ 25.9828, 14.8886,
30.2935

■ 65.7342, 85.7110,
70.3045

■ 24.8948, 13.2838,
28.1696

■ 66.2857, 85.9316,
73.2084

■ 24.1025, 12.2484,
26.2130

■ 66.8530, 86.1586,
76.1961

■ 23.5422, 11.6548,
24.4015

■ 67.4364, 86.3919,
79.2683

Harmonies

Analogous

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



39.4529, 39.9083, 50.4518



40.4470, 39.9083, 47.1663



40.7618, 39.9083, 43.0575

Triad

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



40.4470, 39.9083, 47.1663



37.7932, 39.9083, 36.0122



35.6557, 39.9083, 47.8964

Complementary

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



40.4470, 39.9083, 47.1663



39.2038, 43.9127, 43.9479

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.



35.2357, 39.9083, 43.8516



40.4470, 39.9083, 47.1663



36.4500, 39.9083, 37.1340

Square

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



40.4470, 39.9083, 47.1663



39.2069, 39.9083, 36.7776



35.5228, 39.9083, 39.9406



36.6844, 39.9083, 50.8917

Rectangle

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



40.4470, 39.9083, 47.1663



40.5376, 39.9083, 40.4465



35.5228, 39.9083, 39.9406



35.4398, 39.9083, 46.6057

Sweetspot

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



40.4482, 39.9100, 47.1672



76.4372, 78.7143, 88.1359



38.1594, 38.6834, 49.1721



16.3977, 16.7896, 18.9382



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.



40.4482, 39.9100, 47.1672



70.9030, 68.7037, 83.0302



39.6740, 39.6004, 43.0904



8.7574, 8.6097, 10.2210



16.2166, 8.0042, 16.8325



0.5319, 0.2605, 0.6439

Inverse Universe

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



40.4482, 39.9100, 47.1672



70.9030, 68.7037, 83.0302



39.9780, 44.2224, 48.0247



8.7574, 8.6097, 10.2210



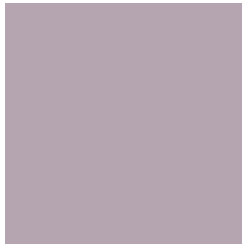
16.2166, 8.0042, 16.8325



0.5319, 0.2605, 0.6439

Previews

White Background



This preview shows how the XYZ color 40.4470, 39.9083, 47.1663 looks on a white background.

Color Contrast Check

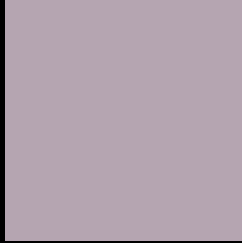
Large Text (above 18pt) WCAG AA × Fail

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 40.4470, 39.9083, 47.1663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

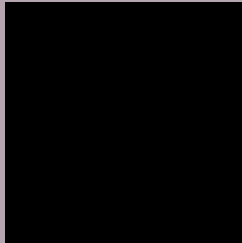
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4470, 39.9083, 47.1663

Background



This preview shows how black text looks on a background with the XYZ color 40.4470, 39.9083, 47.1663.



This preview shows how white text looks on a background with the XYZ color 40.4470, 39.9083,

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

40.4470, 39.9083, 47.1663

Protanopia

38.9022, 40.1767, 48.3523

Deuteranopia

40.7397, 39.7925, 47.1285



Tritanopia

40.5471, 39.9484, 47.6932

Trichromacy



Original Color

40.4470, 39.9083, 47.1663

Protanomaly

39.4941, 40.2183, 47.8008

Deuteranomaly

40.5027, 39.6703, 47.1174

Tritanomaly

40.5471, 39.9484, 47.6932

Monochromacy



Original Color

40.4470, 39.9083, 47.1663

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4100, 40.5070, 45.2767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4470, 39.9083, 47.1663 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(181, 165, 177)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.4470, 39.9083, 47.1663 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(181, 165, 177) }
```


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

```
.border{ border-color:rgb(181, 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(181, 165, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 165, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 165, 177); box-shadow:4px 4px 4px 4px rgb(181, 165, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4470, 39.9083, 47.1663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 177) }
```

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

```
.background{ background-color: rgb(181,  
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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