

Converting Colors

XYZ(41.3137, 39.4230, 46.8012)

Have a look what the booklet for
XYZ(41.3137, 39.4230, 46.8012)
contains.

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Color

**XYZ(41.1742, 39.2289,
46.9968)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA1B1
RGB	187, 161, 177
RGB Percent	73%, 63%, 69%
CMY	0.2667, 0.3686, 0.3059
CMYK	0.00, 0.14, 0.05, 0.27
HSL	323°, 16%, 68%
HSV	323°, 14%, 73%
XYZ	41.1742, 39.2289, 46.9968
YIQ	170.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

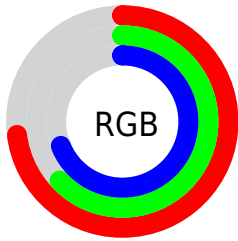
Format	Color
R_{YB}	187, 161, 177
Decimal	12296625
CIE _{Lab}	68.92, 12.31, -4.74
CIE _{LCh}	69, 13.186, 338.938
Yxy	39.2289, 0.3232, 0.3079
Android (android.graphics.Color)	4290486705 (0xFFBBA1B1)
YUV	170.5980, 3.1562, 14.3846
Hunter-Lab	62.6330, 7.7361, -0.6453

Details

The XYZ color **41.1742, 39.2289, 46.9968** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8205, 46.0590, 45.3218**, and the grayscale version is **38.4892, 40.4936, 44.0975**.

A 20% lighter version of the original color is **76.2260, 74.0496, 87.3663**, and **18.9382, 17.4608, 21.4409** is the 20% darker color. If you saturate the color by 10%, you get **37.4496, 32.8967, 42.3109**, and if you desaturate by 10%, it is **45.4276, 46.5572, 52.0464**.

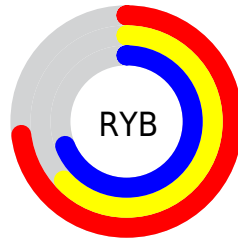
Distribution



Red (73%)

Green (63%)

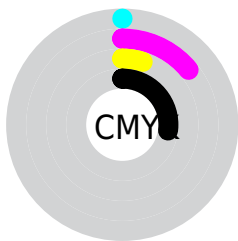
Blue (69%)



Red (73%)

Yellow (63%)

Blue (69%)

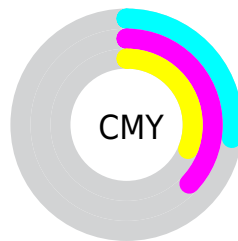


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1742, 39.2289, 46.9968 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 41.1742, 39.2289, 46.9968 by changing the saturation by 10% instead.


 41.1742, 39.2289,
46.9968

 41.1742, 39.2289,
46.9968


342.0983,
342.8627, 391.1951

 28.6435, 26.9378,
32.6788

 76.2213, 73.9879,
87.0588

 18.9542, 17.5265,
21.6114


 99.4684, 97.2246,
113.6398

 11.7410, 10.6106,
13.3761


127.0184,
124.8786, 145.1457

 6.6385, 5.8057,
7.5542

159.2365,
157.3344, 181.9948

 3.2814, 2.7273,
3.7274

196.4883,
194.9763, 224.6058

 1.3043, 0.9911,
1.4770

239.1389,

 0.1864, 0.0000,

238.1887, 273.3971

0.2007

287.5538,
287.3560, 328.7874

■ 0.0000, 0.0000,
0.0000

■ 41.1742, 39.2289,
46.9968

■ 41.1742, 39.2289,
46.9968

■ 37.4496, 32.8967,
42.3109

■ 45.4276, 46.5572,
52.0464

■ 34.2283, 27.5118,
37.9759

■ 50.2272, 54.9170,
57.4669

■ 31.4874, 23.0293,
33.9818

■ 55.5938, 64.3488,
63.2684

■ 29.2012, 19.3985,
30.3170

■ 61.5462, 74.8888,
69.4598

■ 27.3413, 16.5636,
26.9690

■ 68.1021, 86.5719,
76.0497

■ 25.8759, 14.4620,
23.9241

■ 69.1933, 87.2607,
81.0178

■ 24.7685, 13.0219,
21.1668

■ 70.1677, 87.6505,
86.1493

■ 23.9753, 12.1565,
18.6793

■ 71.1837, 88.0569,
91.4994

■ 23.5922, 11.8043,
17.2754

■ 72.2417, 88.4801,
97.0707

Harmonies

Analogous

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



39.8762, 39.2289, 52.3338



41.1742, 39.2289, 46.9968



41.4100, 39.2289, 40.9456

Triad

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



41.1742, 39.2289, 46.9968



36.6633, 39.2289, 32.2972



34.2385, 39.2289, 50.3850

Complementary

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



41.1742, 39.2289, 46.9968



39.8205, 46.0590, 45.3218

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.



33.4451, 39.2289, 44.5318



41.1742, 39.2289, 46.9968



34.8102, 39.2289, 34.3511

Square

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



41.1742, 39.2289, 46.9968



38.7529, 39.2289, 32.8237



33.6504, 39.2289, 38.6989



35.8564, 39.2289, 54.4138

Rectangle

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



41.1742, 39.2289, 46.9968



40.9248, 39.2289, 37.3693



33.6504, 39.2289, 38.6989



33.8693, 39.2289, 48.5446

Sweetspot

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



41.1753, 39.2306, 46.9976



81.2279, 83.1543, 93.0613



38.5034, 37.7338, 52.2682



17.7535, 18.0795, 20.3379



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.1753, 39.2306, 46.9976



71.3898, 66.2397, 81.2687



39.9436, 38.7379, 40.5116



9.7702, 9.6324, 11.1788



16.2912, 8.1476, 12.0930



0.6692, 0.3316, 0.6372

Inverse Universe

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



41.1753, 39.2306, 46.9976



71.3898, 66.2397, 81.2687



41.1178, 46.5779, 52.1531



9.7702, 9.6324, 11.1788



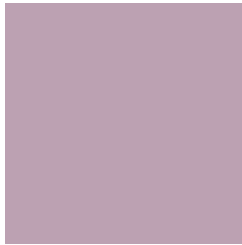
16.2912, 8.1476, 12.0930



0.6692, 0.3316, 0.6372

Previews

White Background



This preview shows how the XYZ color 41.1742, 39.2289, 46.9968 looks on a white background.

Color Contrast Check

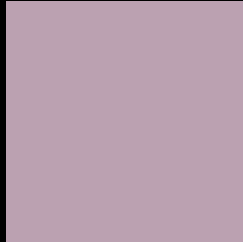
Large Text (above 18pt) WCAG AA × Fail

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 41.1742, 39.2289, 46.9968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

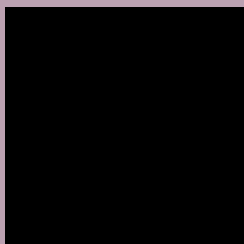
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1742, 39.2289, 46.9968

Background



This preview shows how black text looks on a background with the XYZ color 41.1742, 39.2289, 46.9968.



This preview shows how white text looks on a background with the XYZ color 41.1742, 39.2289,

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

41.1742, 39.2289, 46.9968

Protanopia

38.3077, 39.2985, 49.2824

Deuteranopia

40.0891, 39.1925, 47.0470



Tritanopia

40.8784, 39.1105, 45.4390

Trichromacy



Original Color

41.1742, 39.2289, 46.9968

Protanomaly

39.3725, 39.3195, 48.6943

Deuteranomaly

40.3846, 39.0823, 47.0101

Tritanomaly

40.9762, 39.1497, 45.9544

Monochromacy



Original Color

41.1742, 39.2289, 46.9968

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4930, 40.0017, 45.1748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1742, 39.2289, 46.9968 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(187, 161, 177)` looks like.

```
.text, #text, p{  
    color:rgb(187, 161, 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(187, 161, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 161, 177) }
```

Border

The CSS property to change the border of an element to XYZ 41.1742, 39.2289, 46.9968 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(187, 161, 177) }
```


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

```
.border{ border-color:rgb(187, 161, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 161, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 161, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 161, 177);  
box-shadow:4px 4px 4px 4px rgb(187, 161,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1742, 39.2289, 46.9968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 161, 177) }
```

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

```
.background{ background-color: rgb(187,  
161, 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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