

Converting Colors

XYZ(41.3844, 41.5178, 39.2717)

Have a look what the booklet for
XYZ(41.3844, 41.5178, 39.2717)
contains.

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Color

**XYZ(41.3341, 41.3621,
39.0629)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA8A0
RGB	189, 168, 160
RGB Percent	74%, 66%, 63%
CMY	0.2588, 0.3412, 0.3725
CMYK	0.00, 0.11, 0.15, 0.26
HSL	17°, 18%, 68%
HSV	17°, 15%, 74%
XYZ	41.3341, 41.3621, 39.0629
YIQ	173.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

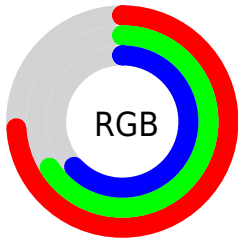
Format	Color
RYB	189, 171, 160
Decimal	12429472
CIELab	70.43, 6.28, 6.90
CIELCh	70, 9.330, 47.723
Yxy	41.3621, 0.3395, 0.3397
Android (android.graphics.Color)	4290619552 (0xFFBDA8A0)
YUV	173.3670, -6.5899, 13.7101
Hunter-Lab	64.3134, 2.1733, 9.0076

Details

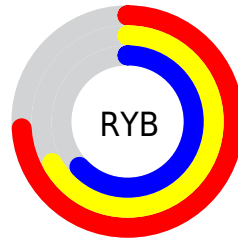
The XYZ color **41.3341, 41.3621, 39.0629** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2063, 44.1948, 54.5560**, and the grayscale version is **39.9359, 42.0157, 45.7551**.

A 20% lighter version of the original color is **76.3096, 77.0941, 75.1487**, and **18.9974, 18.7458, 17.0850** is the 20% darker color. If you saturate the color by 10%, you get **37.4103, 35.9621, 30.2085**, and if you desaturate by 10%, it is **45.7775, 47.3981, 49.3316**.

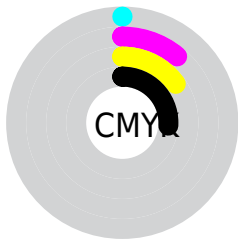
Distribution



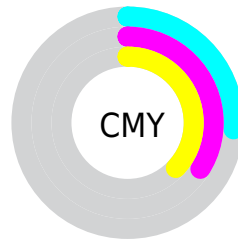
- Red (74%)
- Green (66%)
- Blue (63%)



- Red (74%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (26%)





- Cyan (26%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3341, 41.3621, 39.0629 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 41.3341, 41.3621, 39.0629 by changing the saturation by 10% instead.


 41.3341, 41.3621,
39.0629


 41.3341, 41.3621,
39.0629


342.7538,
351.8317, 357.5918

 28.7691, 28.6021,
26.5005


 76.4623, 77.2333,
74.9558

 19.0496, 18.7800,
16.9693


 99.7562, 101.1133,
99.1233

 11.8103, 11.5115,
10.0509


127.3571,
129.4687, 127.9963

 6.6859, 6.4120,
5.3267

159.6303,
162.6840, 161.9933

 3.3111, 3.0972,
2.3781

196.9412,
201.1436, 201.5328

 1.3203, 1.1827,
0.7745

239.6552,

 0.1983, 0.0475,

245.2318, 247.0333

0.0000

288.1377,
295.3330, 298.9135

■ 0.0000, 0.0000,
0.0000

■ 41.3341, 41.3621,
39.0629

■ 41.3341, 41.3621,
39.0629

■ 37.4103, 35.9621,
30.2085

■ 45.7775, 47.3981,
49.3316

■ 33.9831, 31.1716,
22.7034

■ 50.7554, 54.0845,
61.0704

■ 31.0330, 26.9706,
16.4816

■ 56.2866, 61.4421,
74.3353

■ 28.5375, 23.3354,
11.4702

■ 62.3876, 69.4891,
89.1784

■ 26.4725, 20.2410,
7.5891

■ 69.0745, 78.2431,
105.6497

■ 24.8113, 17.6604,
4.7484

■ 73.2562, 86.4784,
107.4387

■ 23.5238, 15.5639,
2.8442

■ 74.7965, 89.5589,
107.9522

■ 22.5747, 13.9181,
1.7494

■ 22.2216, 13.2891,
1.3938

Harmonies

Analogous

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



42.1946, 41.3621, 42.5100



41.3341, 41.3621, 39.0629



39.9449, 41.3621, 37.2660

Triad

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



41.3341, 41.3621, 39.0629



36.4974, 41.3621, 43.2613



40.2194, 41.3621, 53.5840

Complementary

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



41.3341, 41.3621, 39.0629



40.2063, 44.1948, 54.5560

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.



38.6887, 41.3621, 53.8179



41.3341, 41.3621, 39.0629



36.5665, 41.3621, 47.6607

Square

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



41.3341, 41.3621, 39.0629



37.1683, 41.3621, 39.5820



37.3597, 41.3621, 51.5896



41.5396, 41.3621, 50.9700

Rectangle

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



41.3341, 41.3621, 39.0629



38.9179, 41.3621, 37.1632



37.3597, 41.3621, 51.5896



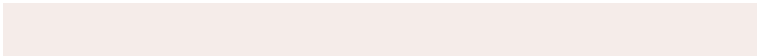
39.7117, 41.3621, 53.9495

Sweetspot

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



41.3352, 41.3639, 39.0638



82.2092, 85.1897, 88.8720



41.9255, 39.3082, 49.2378



17.5515, 18.1478, 18.8144



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.



41.3352, 41.3639, 39.0638



71.8662, 71.1175, 65.0350



44.1078, 46.9090, 39.9880



9.7387, 9.9535, 9.9846



15.0072, 9.0532, 0.9565



0.6448, 0.4685, 0.0564

Inverse Universe

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



40.2063, 44.1948, 54.5560



69.5044, 77.0353, 97.4322



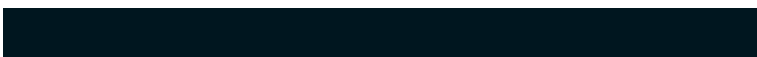
37.4591, 38.7004, 53.6403



9.5799, 10.3522, 12.1655



12.2505, 14.6128, 34.5678



0.5320, 0.6766, 1.3714

Previews

White Background



This preview shows how the XYZ color 41.3341, 41.3621, 39.0629 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 41.3341, 41.3621, 39.0629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

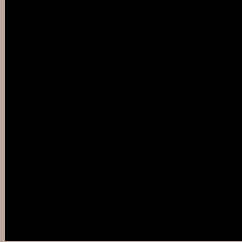
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3341, 41.3621, 39.0629

Background



This preview shows how black text looks on a background with the XYZ color 41.3341, 41.3621, 39.0629.



This preview shows how white text looks on a background with the XYZ color 41.3341, 41.3621,

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

41.3341, 41.3621, 39.0629

Protanopia

39.6342, 41.5787, 40.1190

Deuteranopia

41.9737, 41.1480, 38.9878



Tritanopia

42.9769, 41.2010, 47.8069

Trichromacy



Original Color

41.3341, 41.3621, 39.0629

Protanomaly

40.2873, 41.6441, 39.6330

Deuteranomaly

41.9021, 41.3820, 39.0367

Tritanomaly

42.2221, 41.1599, 44.2474

Monochromacy



Original Color

41.3341, 41.3621, 39.0629

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2212, 41.5367, 42.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3341, 41.3621, 39.0629 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(189, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 160)  
}
```

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(189, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 160) }
```

Border

The CSS property to change the border of an element to XYZ 41.3341, 41.3621, 39.0629 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(189, 168, 160) }
```


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

```
.border{ border-color:rgb(189, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3341, 41.3621, 39.0629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 160) }
```

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

```
.background{ background-color: rgb(189,  
168, 160) }
```

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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