

Converting Colors

XYZ(41.3239, 39.3760, 44.7058)

Have a look what the booklet for
XYZ(41.3239, 39.3760, 44.7058)
contains.

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Color

**XYZ(41.2740, 39.3257,
44.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA1AD
RGB	189, 161, 173
RGB Percent	74%, 63%, 68%
CMY	0.2588, 0.3686, 0.3216
CMYK	0.00, 0.15, 0.08, 0.26
HSL	334°, 17%, 69%
HSV	334°, 15%, 74%
XYZ	41.2740, 39.3257, 44.9504
YIQ	170.7400, 12.8360, 9.6680

Conversions

Conversions Part 2

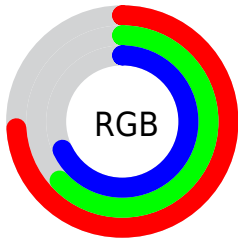
Format	Color
RYB	189, 161, 173
Decimal	12427693
CIELab	68.99, 12.31, -2.39
CIELCh	69, 12.540, 349.003
Yxy	39.3257, 0.3287, 0.3132
Android (android.graphics.Color)	4290617773 (0xFFBDA1AD)
YUV	170.7400, 1.1142, 16.0140
Hunter-Lab	62.7102, 7.7406, 1.3983

Details

The XYZ color **41.2740, 39.3257, 44.9504** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8329, 47.1477, 48.5456**, and the grayscale version is **38.5693, 40.5779, 44.1893**.

A 20% lighter version of the original color is **76.2156, 74.1256, 83.6895**, and **18.9115, 17.4687, 20.4642** is the 20% darker color. If you saturate the color by 10%, you get **37.2144, 32.8118, 38.6475**, and if you desaturate by 10%, it is **45.9196, 46.8754, 51.8665**.

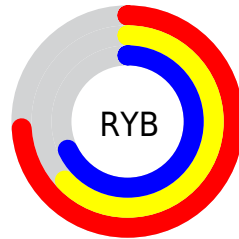
Distribution



Red (74%)

Green (63%)

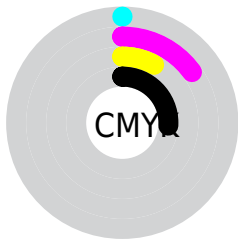
Blue (68%)



Red (74%)

Yellow (63%)

Blue (68%)

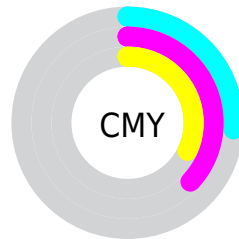


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (37%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2740, 39.3257, 44.9504 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 41.2740, 39.3257, 44.9504 by changing the saturation by 10% instead.


 41.2740, 39.3257,
44.9504


 41.2740, 39.3257,
44.9504


342.5075,
343.2732, 382.7269

 28.7219, 27.0132,
31.0757


 76.3717, 74.1356,
83.9636

 19.0137, 17.5831,
20.3975


 99.6481, 97.4018,
109.9393

 11.7843, 10.6511,
12.4974


127.2298,
125.0880, 140.7856

 6.6681, 5.8328,
6.9568

159.4824,
157.5787, 176.9212

 3.2999, 2.7437,
3.3570

196.7710,
195.2581, 218.7646

 1.3143, 0.9994,
1.2797

239.4612,

 0.1939, 0.0000,

238.5108, 266.7343

0.0451

287.9183,
287.7210, 321.2489

■ 0.0000, 0.0000,
0.0000

■ 41.2740, 39.3257,
44.9504

■ 41.2740, 39.3257,
44.9504

■ 37.2144, 32.8118,
38.6475

■ 45.9196, 46.8754,
51.8665

■ 33.7132, 27.2829,
32.9373

■ 51.1706, 55.4982,
59.4105

■ 30.7453, 22.6920,
27.8019

■ 57.0499, 65.2362,
67.5994

■ 28.2825, 18.9860,
23.2212

■ 63.5779, 76.1274,
76.4490

■ 26.2938, 16.1063,
19.1739

■ 70.6128, 87.8854,
85.9207

■ 24.7444, 13.9874,
15.6369

■ 72.1511, 88.5008,
94.0217

■ 23.5946, 12.5536,
12.5847

■ 73.7847, 89.1542,
102.6241

■ 22.7965, 11.7132,
9.9886

■ 74.7965, 89.5590,
107.9522

■ 22.4713, 11.4128,
8.8006

Harmonies

Analogous

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



40.3505, 39.3257, 50.4432



41.2740, 39.3257, 44.9504



41.1260, 39.3257, 39.3381

Triad

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



41.2740, 39.3257, 44.9504



36.1419, 39.3257, 33.2432



34.9159, 39.3257, 51.6636

Complementary

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



41.2740, 39.3257, 44.9504



40.8329, 47.1477, 48.5456

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.



33.8648, 39.3257, 46.4994



41.2740, 39.3257, 44.9504



34.5550, 39.3257, 36.0045

Square

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



41.2740, 39.3257, 44.9504



38.1149, 39.3257, 32.9087



33.7350, 39.3257, 40.7561



36.6505, 39.3257, 54.5424

Rectangle

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



41.2740, 39.3257, 44.9504



40.4409, 39.3257, 36.2661



33.7350, 39.3257, 40.7561



34.4736, 39.3257, 50.1172

Sweetspot

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



41.2751, 39.3274, 44.9512



82.9072, 85.0418, 93.8644



40.0328, 38.4972, 53.4655



17.6844, 18.0518, 19.9743



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.



41.2751, 39.3274, 44.9512



71.2792, 66.1739, 76.4609



40.4942, 39.5409, 39.2182



9.6953, 9.6024, 10.7844



15.1559, 7.6935, 6.1145



0.6265, 0.3145, 0.4123

Inverse Universe

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



41.2751, 39.3274, 44.9512



71.2792, 66.1739, 76.4609



41.6832, 46.8495, 54.9907



9.6953, 9.6024, 10.7844



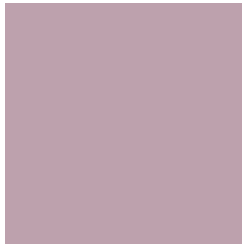
15.1559, 7.6935, 6.1145



0.6265, 0.3145, 0.4123

Previews

White Background



This preview shows how the XYZ color 41.2740, 39.3257, 44.9504 looks on a white background.

Color Contrast Check

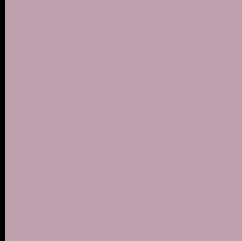
Large Text (above 18pt) WCAG AA × Fail

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 41.2740, 39.3257, 44.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

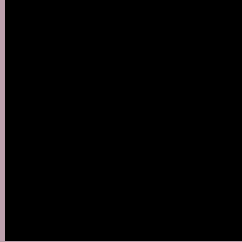
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2740, 39.3257, 44.9504

Background



This preview shows how black text looks on a background with the XYZ color 41.2740, 39.3257, 44.9504.



This preview shows how white text looks on a background with the XYZ color 41.2740, 39.3257,

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

41.2740, 39.3257, 44.9504

Protanopia

38.3006, 39.6146, 47.2227

Deuteranopia

40.1685, 39.2788, 44.9996



Tritanopia

41.2740, 39.3257, 44.9504

Trichromacy



Original Color

41.2740, 39.3257, 44.9504

Protanomaly

39.1961, 39.2750, 46.5893

Deuteranomaly

40.4707, 39.1721, 44.9631

Tritanomaly

41.2740, 39.3257, 44.9504

Monochromacy



Original Color

41.2740, 39.3257, 44.9504

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.6252, 40.0810, 44.6777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2740, 39.3257, 44.9504 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, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(189, 161, 173)  
}
```

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, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 161, 173) }
```

Border

The CSS property to change the border of an element to XYZ 41.2740, 39.3257, 44.9504 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, 161, 173) }
```


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

```
.border{ border-color:rgb(189, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(189, 161,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2740, 39.3257, 44.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 161, 173) }
```

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

```
.background{ background-color: rgb(189,  
161, 173) }
```

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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