

Converting Colors

XYZ(40.0938, 39.1213, 37.8263)

Have a look what the booklet for
XYZ(40.0938, 39.1213, 37.8263)
contains.

XYZ(40.0782, 39.1281, 37.7879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.0782, 39.1281,
37.7879)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA29E
RGB	189, 162, 158
RGB Percent	74%, 64%, 62%
CMY	0.2588, 0.3647, 0.3804
CMYK	0.00, 0.14, 0.16, 0.26
HSL	8°, 19%, 68%
HSV	8°, 16%, 74%
XYZ	40.0782, 39.1281, 37.7879
YIQ	169.6170, 17.3760, 4.4800

Conversions

Conversions Part 2

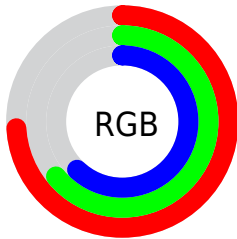
Format	Color
R _Y B	189, 163, 158
Decimal	12427934
CIE Lab	68.84, 9.23, 5.73
CIE LCh	69, 10.867, 31.844
Yxy	39.1281, 0.3426, 0.3344
Android (android.graphics.Color)	4290618014 (0xFFBDA29E)
YUV	169.6170, -5.7272, 16.9989
Hunter-Lab	62.5525, 4.9005, 7.9697

Details

The XYZ color **40.0782, 39.1281, 37.7879** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6346, 45.6403, 54.8124**, and the grayscale version is **38.0403, 40.0214, 43.5833**.

A 20% lighter version of the original color is **74.8291, 74.0226, 73.2947**, and **18.2214, 17.3643, 16.3012** is the 20% darker color. If you saturate the color by 10%, you get **35.8630, 33.1038, 28.9644**, and if you desaturate by 10%, it is **44.9253, 46.0150, 48.0574**.

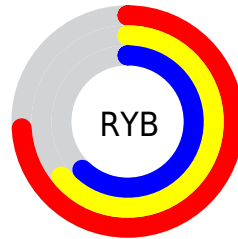
Distribution



Red (74%)

Green (64%)

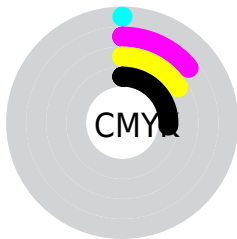
Blue (62%)



Red (74%)

Yellow (64%)

Blue (62%)

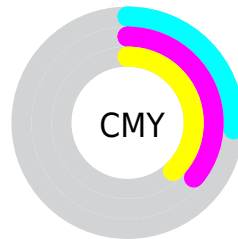


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0782, 39.1281, 37.7879 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 40.0782, 39.1281, 37.7879 by changing the saturation by 10% instead.


 40.0782, 39.1281,
37.7879


 40.0782, 39.1281,
37.7879


337.5818,
342.4348, 351.9801

 27.7840, 26.8594,
25.5176


 74.5662, 73.8340,
72.9827

 18.3025, 17.4677,
16.2406


 97.4906, 97.0399,
96.7443

 11.2684, 10.5685,
9.5383


124.6893,
124.6604, 125.1734

 6.3163, 5.7775,
4.9924

156.5274,
157.0799, 158.6885

 3.0808, 2.7102,
2.1841

193.3703,
194.6826, 197.7082

 1.1966, 0.9824,
0.6652

235.5835,

 0.1037, 0.0000,

237.8531, 242.6510

0.0000

283.5322,
286.9757, 293.9355

■ 0.0000, 0.0000,
0.0000

■ 40.0782, 39.1281,
37.7879

■ 40.0782, 39.1281,
37.7879

■ 35.8630, 33.1038,
28.9644

■ 44.9253, 46.0150,
48.0574

■ 32.2504, 27.9030,
21.5194

■ 50.4256, 53.7912,
59.8311

■ 29.2138, 23.4915,
15.3840

■ 56.6033, 62.4887,
73.1673

■ 26.7229, 19.8305,
10.4821

■ 63.4805, 72.1364,
88.1201

■ 24.7451, 16.8781,
6.7299

■ 71.0782, 82.7618,
104.7412

■ 23.2438, 14.5879,
4.0332

■ 74.7965, 89.5589,
107.9522

■ 22.1777, 12.9084,
2.2825

■ 21.4964, 11.7792,
1.3359

■ 21.3216, 11.4891,
1.0939

Harmonies

Analogous

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



40.6032, 39.1281, 42.2990



40.0782, 39.1281, 37.7879



38.7766, 39.1281, 34.7686

Triad

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



40.0782, 39.1281, 37.7879



34.3429, 39.1281, 38.2786



37.2969, 39.1281, 52.8162

Complementary

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



40.0782, 39.1281, 37.7879



40.6346, 45.6403, 54.8124

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.



35.6475, 39.1281, 51.5357



40.0782, 39.1281, 37.7879



33.9738, 39.1281, 42.9101

Square

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



40.0782, 39.1281, 37.7879



35.4681, 39.1281, 35.0362



34.4442, 39.1281, 47.8125



38.9669, 39.1281, 51.1896

Rectangle

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



40.0782, 39.1281, 37.7879



37.6624, 39.1281, 33.8790



34.4442, 39.1281, 47.8125



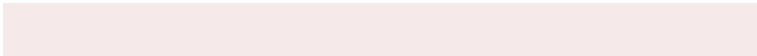
36.7217, 39.1281, 52.7111

Sweetspot

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



40.0793, 39.1299, 37.7887



81.6945, 84.1604, 88.7005



42.0111, 38.7921, 51.3853



17.4264, 17.8977, 18.7727



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.



40.0793, 39.1299, 37.7887



68.6908, 65.6722, 61.1847



42.9035, 44.7784, 38.7301



9.6268, 9.7297, 9.9473



14.3778, 7.7944, 0.7467



0.5960, 0.3709, 0.0402

Inverse Universe

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



40.6346, 45.6403, 54.8124



69.8879, 79.7220, 97.9306



37.6393, 39.6495, 53.8139



9.7006, 10.5936, 12.2057



15.2232, 20.5582, 35.5587



0.6260, 0.8647, 1.4028

Previews

White Background



This preview shows how the XYZ color 40.0782, 39.1281, 37.7879 looks on a white background.

Color Contrast Check

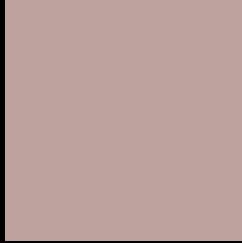
Large Text (above 18pt) WCAG AA × Fail

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 40.0782, 39.1281, 37.7879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

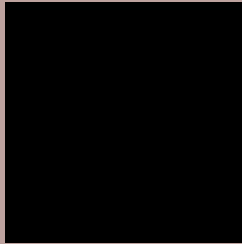
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0782, 39.1281, 37.7879

Background



This preview shows how black text looks on a background with the XYZ color 40.0782, 39.1281, 37.7879.



This preview shows how white text looks on a background with the XYZ color 40.0782, 39.1281,

37.7879.

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

40.0782, 39.1281, 37.7879

Protanopia

37.4853, 39.0949, 39.2886

Deuteranopia

39.8309, 39.0006, 37.7763



Tritanopia

41.5031, 39.1965, 44.4080

Trichromacy



Original Color

40.0782, 39.1281, 37.7879

Protanomaly

38.3907, 39.0320, 38.7682

Deuteranomaly

39.8309, 39.0006, 37.7763

Tritanomaly

40.9551, 39.2269, 41.9722

Monochromacy



Original Color

40.0782, 39.1281, 37.7879

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8331, 39.7377, 41.6998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0782, 39.1281, 37.7879 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, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 162, 158)  
}
```

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, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 40.0782, 39.1281, 37.7879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

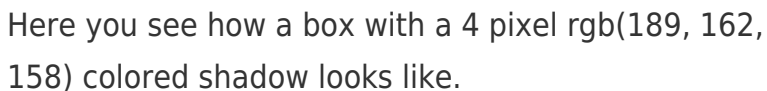
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 162, 158) }
```


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

```
.border{ border-color:rgb(189, 162, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 162, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 162, 158); box-shadow:4px 4px 4px 4px rgb(189, 162, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0782, 39.1281, 37.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 162, 158) }
```

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

```
.background{ background-color: rgb(189,  
162, 158) }
```

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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