

Converting Colors

XYZ(38.7161, 39.3760, 33.3597)

Have a look what the booklet for
XYZ(38.7161, 39.3760, 33.3597)
contains.

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Color

**XYZ(38.7292, 39.3311,
33.1542)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A593
RGB	185, 165, 147
RGB Percent	73%, 65%, 58%
CMY	0.2745, 0.3529, 0.4235
CMYK	0.00, 0.11, 0.21, 0.27
HSL	28°, 21%, 65%
HSV	28°, 21%, 73%
XYZ	38.7292, 39.3311, 33.1542
YIQ	168.9280, 17.6980, -1.3580

Conversions

Conversions Part 2

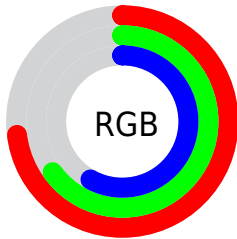
Format	Color
R_{YB}	185, 181, 147
Decimal	12166547
CIE _{Lab}	68.99, 4.35, 11.98
CIE _{LCh}	69, 12.747, 70.068
Yxy	39.3311, 0.3482, 0.3537
Android (android.graphics.Color)	4290356627 (0xFFB9A593)
YUV	168.9280, -10.8105, 14.0951
Hunter-Lab	62.7145, 0.4819, 12.5563

Details

The XYZ color **38.7292, 39.3311, 33.1542** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6082, 37.3425, 51.2831**, and the grayscale version is **37.7229, 39.6875, 43.2197**.

A 20% lighter version of the original color is **72.4114, 74.1042, 65.7454**, and **17.5322, 17.5603, 13.5318** is the 20% darker color. If you saturate the color by 10%, you get **35.7033, 35.4185, 25.5502**, and if you desaturate by 10%, it is **42.1244, 43.6080, 42.0341**.

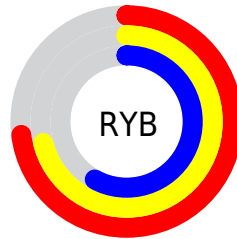
Distribution



Red (73%)

Green (65%)

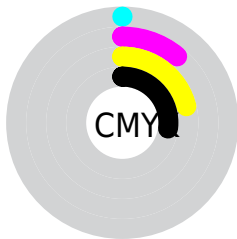
Blue (58%)



Red (73%)

Yellow (71%)

Blue (58%)

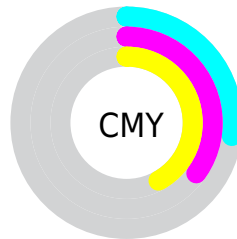


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7292, 39.3311, 33.1542 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 38.7292, 39.3311, 33.1542 by changing the saturation by 10% instead.

 38.7292, 39.3311,
33.1542


 38.7292, 39.3311,
33.1542


331.9648,
343.2961, 330.9973

 26.7289, 27.0174,
21.9725


 72.5212, 74.1439,
65.7350

 17.5053, 17.5863,
13.6386


 95.0435, 97.4117,
87.9712

 10.6929, 10.6534,
7.7339


121.8040,
125.0997, 114.7292

 5.9265, 5.8343,
3.8398

153.1679,
157.5923, 146.4278

 2.8407, 2.7446,
1.5379

189.5006,
195.2738, 183.4853

 1.0701, 0.9999,
0.2459

231.1674,

 0.0000, 0.0000,

238.5287, 226.3204

0.0000

278.5337,
287.7414, 275.3515

■ 38.7292, 39.3311,
33.1542

■ 38.7292, 39.3311,
33.1542

■ 35.7033, 35.4185,
25.5502

■ 42.1244, 43.6080,
42.0341

■ 33.0295, 31.8546,
19.1599

■ 45.8989, 48.2537,
52.2430

■ 30.6936, 28.6301,
13.9197

■ 50.0665, 53.2796,
63.8342

■ 28.6794, 25.7334,
9.7590

■ 54.6390, 58.6947,
76.8572

■ 26.9687, 23.1521,
6.5994

■ 59.6278, 64.5077,
91.3590

■ 25.5416, 20.8725,
4.3517

■ 64.5567, 70.5322,
104.8193

■ 24.3745, 18.8796,
2.9105

■ 67.2394, 75.8977,
105.7136

■ 23.4687, 17.2362,
2.0900

■ 70.0743, 81.5675,
106.6585

■ 73.0636, 87.5462,
107.6550

Harmonies

Analogous

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



40.4496, 39.3311, 36.0263



38.7292, 39.3311, 33.1542



36.7050, 39.3311, 32.7366

Triad

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



38.7292, 39.3311, 33.1542



33.6709, 39.3311, 44.8085



39.9516, 39.3311, 51.9596

Complementary

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



38.7292, 39.3311, 33.1542



34.6082, 37.3425, 51.2831

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.



38.0694, 39.3311, 54.7981



38.7292, 39.3311, 33.1542



34.4755, 39.3311, 50.4291

Square

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



38.7292, 39.3311, 33.1542



33.8332, 39.3311, 39.1268



36.0684, 39.3311, 54.2140



41.1729, 39.3311, 46.7489

Rectangle

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



38.7292, 39.3311, 33.1542



35.4618, 39.3311, 33.8627



36.0684, 39.3311, 54.2140



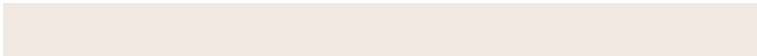
39.3725, 39.3311, 53.2433

Sweetspot

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



38.7303, 39.3329, 33.1550



78.3612, 81.7139, 83.1041



37.4415, 33.9822, 41.2749



16.8001, 17.5012, 17.6648



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.7303, 39.3329, 33.1550



66.6451, 66.9516, 52.4703



42.3596, 46.5916, 34.3648



9.3461, 9.6951, 9.4857



16.0519, 11.8801, 1.4471



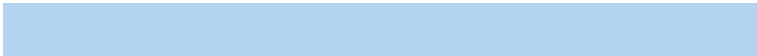
0.6279, 0.5429, 0.0717

Inverse Universe

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



34.6082, 37.3425, 51.2831



57.8248, 62.6920, 91.2577



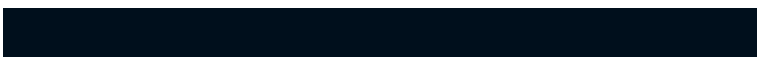
31.4219, 30.9700, 50.2210



8.9017, 9.4806, 11.4402



8.9690, 8.3977, 32.4013



0.3777, 0.4190, 1.1627

Previews

White Background



This preview shows how the XYZ color 38.7292, 39.3311, 33.1542 looks on a white background.

Color Contrast Check

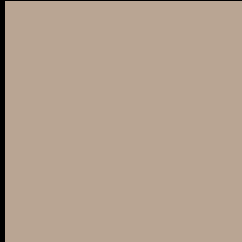
Large Text (above 18pt) WCAG AA × Fail

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 38.7292, 39.3311, 33.1542 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

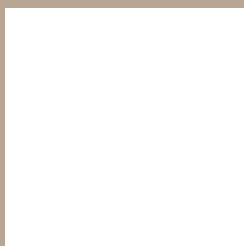
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7292, 39.3311, 33.1542

Background



This preview shows how black text looks on a background with the XYZ color 38.7292, 39.3311, 33.1542.



This preview shows how white text looks on a background with the XYZ color 38.7292, 39.3311,

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

38.7292, 39.3311, 33.1542

Protanopia

37.3319, 39.4053, 34.0721

Deuteranopia

40.0039, 39.1852, 33.4721



Tritanopia

41.1239, 39.2371, 45.4505

Trichromacy



Original Color

38.7292, 39.3311, 33.1542

Protanomaly

37.7544, 39.3593, 33.6242

Deuteranomaly

39.4288, 39.1513, 33.4958

Tritanomaly

40.1147, 39.0858, 40.5520

Monochromacy



Original Color

38.7292, 39.3311, 33.1542

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.1149, 39.6924, 39.3708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7292, 39.3311, 33.1542 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(185, 165, 147)` looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 147)  
}
```

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(185, 165, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 147) }
```

Border

The CSS property to change the border of an element to XYZ 38.7292, 39.3311, 33.1542 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(185, 165, 147) }
```


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

```
.border{ border-color:rgb(185, 165, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 165, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 165, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 165, 147);  
box-shadow:4px 4px 4px 4px rgb(185, 165,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7292, 39.3311, 33.1542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 147) }
```

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

```
.background{ background-color: rgb(185,  
165, 147) }
```

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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