

Converting Colors

XYZ(38.3090, 39.8008, 42.4656)

Have a look what the booklet for
XYZ(38.3090, 39.8008, 42.4656)
contains.

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Color

**XYZ(38.3041, 39.7167,
42.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA8A8
RGB	173, 168, 168
RGB Percent	68%, 66%, 66%
CMY	0.3216, 0.3412, 0.3412
CMYK	0.00, 0.03, 0.03, 0.32
HSL	0°, 3%, 67%
HSV	0°, 3%, 68%
XYZ	38.3041, 39.7167, 42.6930
YIQ	169.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

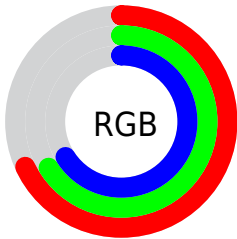
Format	Color
RYB	173, 168, 168
Decimal	11380904
CIELab	69.27, 1.79, 0.63
CIELCh	69, 1.898, 19.320
Yxy	39.7167, 0.3173, 0.3290
Android (android.graphics.Color)	4289570984 (0xFFADA8A8)
YUV	169.4950, -0.7370, 3.0739
Hunter-Lab	63.0212, -1.7953, 3.9495

Details

The XYZ color **38.3041, 39.7167, 42.6930** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6347, 41.2284, 45.4573**, and the grayscale version is **37.9608, 39.9377, 43.4922**.

A 20% lighter version of the original color is **71.7019, 74.5970, 80.4316**, and **17.2829, 17.8167, 19.0511** is the 20% darker color. If you saturate the color by 10%, you get **33.8163, 33.1507, 33.7674**, and if you desaturate by 10%, it is **43.4330, 47.2206, 52.8912**.

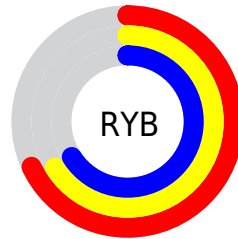
Distribution



Red (68%)

Green (66%)

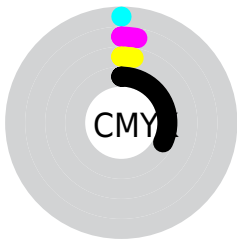
Blue (66%)



Red (68%)

Yellow (66%)

Blue (66%)

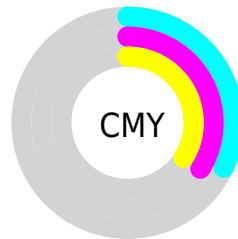


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3041, 39.7167, 42.6930 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 38.3041, 39.7167, 42.6930 by changing the saturation by 10% instead.

■ 38.3041, 39.7167,
42.6930

■ 38.3041, 39.7167,
42.6930

330.1810,
344.9281, 373.2318

■ 26.3971, 27.3177,
29.3147

■ 71.8749, 74.7319,
80.5288

■ 17.2552, 17.8120,
19.0714

■ 94.2694, 98.1170,
105.8233

■ 10.5130, 10.8151,
11.5445

120.8904,
125.9328, 135.9270

■ 5.8053, 5.9426,
6.3156

152.1033,
158.5639, 171.2584

■ 2.7666, 2.8102,
2.9660

188.2735,
196.3945, 212.2360

■ 1.0316, 1.0335,
1.0773

229.7663,

■ 0.0000, 0.0000,

239.8092, 259.2784

0.0000

276.9470,
289.1922, 312.8042

■ 38.3041, 39.7167,
42.6930

■ 38.3041, 39.7167,
42.6930

■ 33.8163, 33.1507,
33.7674

■ 43.4330, 47.2206,
52.8912

■ 29.9412, 27.4810,
26.0621

■ 49.2232, 55.6919,
64.4064

■ 26.6533, 22.6702,
19.5248

■ 55.6984, 65.1652,
77.2842

■ 23.9239, 18.6764,
14.0985

■ 62.8799, 75.6716,
91.5672

■ 21.7221, 15.4544,
9.7215

■ 70.7881, 87.2412,
107.2959

■ 20.0136, 12.9542,
6.3260

■ 71.0438, 87.6243,
107.7765

■ 18.7607, 11.1204,
3.8365

■ 17.9196, 9.8891,
2.1660

■ 17.4384, 9.1845,
1.2112

Harmonies

Analogous

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



38.3271, 39.7167, 43.5559



38.3041, 39.7167, 42.6930



38.1320, 39.7167, 41.9870

Triad

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



38.3041, 39.7167, 42.6930



37.3078, 39.7167, 42.1622



37.6413, 39.7167, 44.9115

Complementary

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



38.3041, 39.7167, 42.6930



38.6347, 41.2284, 45.4573

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.



37.3696, 39.7167, 44.5273



38.3041, 39.7167, 42.6930



37.1778, 39.7167, 42.9351

Square

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



38.3041, 39.7167, 42.6930



37.5564, 39.7167, 41.6834



37.2003, 39.7167, 43.8012



37.9433, 39.7167, 44.8446

Rectangle

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



38.3041, 39.7167, 42.6930



37.9564, 39.7167, 41.6967



37.2003, 39.7167, 43.8012



37.5434, 39.7167, 44.8307

Sweetspot

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



38.3052, 39.7184, 42.6939



70.2335, 73.5198, 79.7060



38.7796, 39.9072, 45.1946



15.2741, 15.9934, 17.3434



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



38.3052, 39.7184, 42.6939



68.4626, 70.9289, 76.1844



38.7706, 40.6492, 42.8490



8.5840, 8.8624, 9.4888



12.6617, 6.5289, 0.5929



0.3524, 0.1819, 0.0165

Inverse Universe

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



38.6347, 41.2284, 45.4573



69.0852, 73.7821, 81.4060



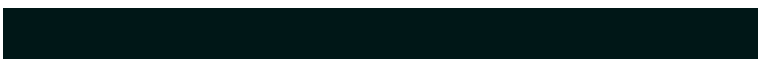
38.1604, 40.2798, 45.2992



8.6796, 9.3003, 10.2904



16.5040, 24.1419, 32.8345



0.4593, 0.6719, 0.9135

Previews

White Background



This preview shows how the XYZ color 38.3041, 39.7167, 42.6930 looks on a white background.

Color Contrast Check

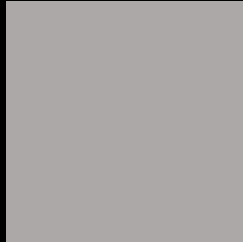
Large Text (above 18pt) WCAG AA × Fail

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 38.3041, 39.7167, 42.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

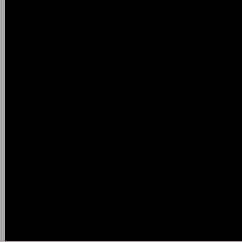
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3041, 39.7167, 42.6930

Background



This preview shows how black text looks on a background with the XYZ color 38.3041, 39.7167, 42.6930.



This preview shows how white text looks on a background with the XYZ color 38.3041, 39.7167,

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

38.3041, 39.7167, 42.6930

Protanopia

38.0838, 39.6031, 42.6827

Deuteranopia

40.4445, 39.7298, 43.0731



Tritanopia

39.4521, 39.6411, 48.2200

Trichromacy



Original Color

38.3041, 39.7167, 42.6930

Protanomaly

38.0838, 39.6031, 42.6827

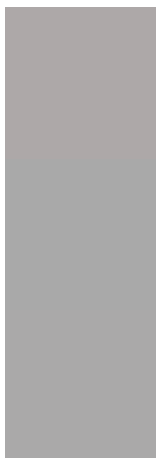
Deuteranomaly

39.6726, 39.5986, 43.0884

Tritanomaly

39.0121, 39.7312, 46.1702

Monochromacy



Original Color

38.3041, 39.7167, 42.6930

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9270, 39.7866, 43.2167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3041, 39.7167, 42.6930 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(173, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 168)  
}
```

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(173, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.3041, 39.7167, 42.6930 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(173, 168, 168) }
```


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

```
.border{ border-color:rgb(173, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3041, 39.7167, 42.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 168) }
```

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

```
.background{ background-color: rgb(173,  
168, 168) }
```

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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