

Converting Colors

XYZ(38.6942, 42.1703, 39.4159)

Have a look what the booklet for
XYZ(38.6942, 42.1703, 39.4159)
contains.

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Color

**XYZ(38.6651, 42.2467,
39.3743)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB0A0
RGB	171, 176, 160
RGB Percent	67%, 69%, 63%
CMY	0.3294, 0.3098, 0.3725
CMYK	0.03, 0.00, 0.09, 0.31
HSL	79°, 9%, 66%
HSV	79°, 9%, 69%
XYZ	38.6651, 42.2467, 39.3743
YIQ	172.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

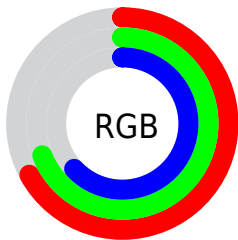
Format	Color
RYB	160, 176, 165
Decimal	11251872
CIELab	71.04, -4.70, 7.58
CIELCh	71, 8.918, 121.777
Yxy	42.2467, 0.3214, 0.3512
Android (android.graphics.Color)	4289441952 (0xFFABB0A0)
YUV	172.6810, -6.2517, -1.4742
Hunter-Lab	64.9975, -7.5611, 9.5814

Details

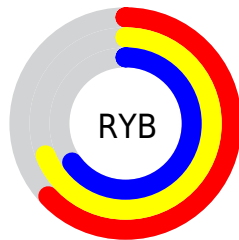
The XYZ color **38.6651, 42.2467, 39.3743** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9261, 36.2767, 46.1852**, and the grayscale version is **39.5891, 41.6508, 45.3578**.

A 20% lighter version of the original color is **72.4864, 78.7883, 75.6772**, and **17.5757, 19.4414, 17.2942** is the 20% darker color. If you saturate the color by 10%, you get **36.0597, 41.0703, 31.7761**, and if you desaturate by 10%, it is **41.5408, 43.5397, 48.1248**.

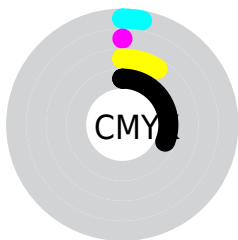
Distribution



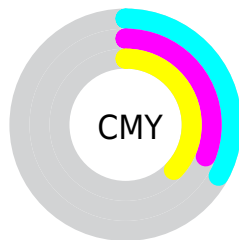
- Red (67%)
- Green (69%)
- Blue (63%)



- Red (63%)
- Yellow (69%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6651, 42.2467, 39.3743 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 38.6651, 42.2467, 39.3743 by changing the saturation by 10% instead.

■ 38.6651, 42.2467,
39.3743

■ 38.6651, 42.2467,
39.3743

331.6963,
355.5046, 358.9526

■ 26.6788, 29.2945,
26.7410

■ 72.4238, 78.5729,
75.4364

■ 17.4675, 19.3037,
17.1481

■ 94.9269, 102.7156,
99.7023

■ 10.6657, 11.8899,
10.1770

121.6664,
131.3574, 128.6827

■ 5.9082, 6.6688,
5.4094

153.0075,
164.8825, 162.7963

■ 2.8294, 3.2558,
2.4265

189.3158,
203.6754, 202.4615

■ 1.0642, 1.2667,
0.8008

230.9564,

■ 0.0000, 0.1152,

248.1204, 248.0969

0.0000

278.2948,
298.6020, 300.1211

■ 0.0000, 0.0000,
0.0000

■ 38.6651, 42.2467,
39.3743

■ 38.6651, 42.2467,
39.3743

■ 36.0597, 41.0703,
31.7761

■ 41.5408, 43.5397,
48.1248

■ 33.7113, 40.0010,
25.2795

■ 44.6925, 44.9476,
58.0700

■ 31.6108, 39.0365,
19.8339

■ 48.1299, 46.4757,
69.2536

■ 29.7470, 38.1723,
15.3839

■ 51.8614, 48.1274,
81.7162

■ 28.1078, 37.4034,
11.8689

■ 55.8950, 49.9059,
95.4967

■ 26.6798, 36.7243,
9.2217

■ 58.4832, 51.1124,
101.3910

■ 25.4479, 36.1290,
7.3661

■ 60.0186, 51.9040,
101.4629

■ 24.3944, 35.6103,
6.2128

■ 61.6079, 52.7233,
101.5373

■ 23.4867, 35.1551,
5.5936

■ 63.2515, 53.5706,
101.6142

Harmonies

Analogous

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



40.0655, 42.2467, 38.2800



38.6651, 42.2467, 39.3743



37.6837, 42.2467, 42.2293

Triad

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



38.6651, 42.2467, 39.3743



38.8152, 42.2467, 53.6101



43.0848, 42.2467, 45.7457

Complementary

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



38.6651, 42.2467, 39.3743



35.9261, 36.2767, 46.1852

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.



42.7304, 42.2467, 49.9876



38.6651, 42.2467, 39.3743



40.2431, 42.2467, 54.6927

Square

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



38.6651, 42.2467, 39.3743



37.7689, 42.2467, 50.4546



41.6811, 42.2467, 53.3290



42.6380, 42.2467, 41.8146

Rectangle

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



38.6651, 42.2467, 39.3743



37.3864, 42.2467, 44.8365



41.6811, 42.2467, 53.3290



43.0554, 42.2467, 47.1824

Sweetspot

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



38.6663, 42.2485, 39.3752



73.2135, 78.0101, 80.7389



37.6703, 38.6077, 38.7250



15.7761, 16.8654, 17.2214



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.6663, 42.2485, 39.3752



69.0915, 76.1552, 68.3451



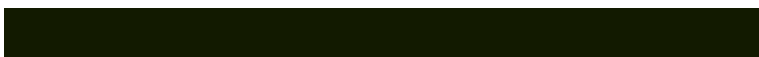
37.0171, 41.3984, 39.2980



8.9334, 9.7708, 9.0676



17.2360, 25.7956, 4.0706



0.5991, 0.8409, 0.1307

Inverse Universe

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



35.9261, 36.2767, 46.1852



63.0604, 63.0113, 83.3340



37.5982, 37.1388, 46.2634



8.2837, 8.3548, 10.6824



6.9610, 2.9243, 30.3346



0.2807, 0.1238, 0.9573

Previews

White Background



This preview shows how the XYZ color 38.6651, 42.2467, 39.3743 looks on a white background.

Color Contrast Check

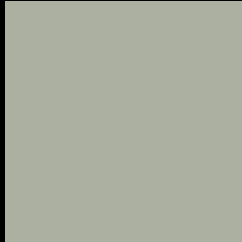
Large Text (above 18pt) WCAG AA × Fail

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 38.6651, 42.2467, 39.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

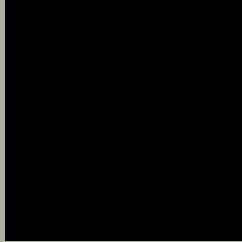
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

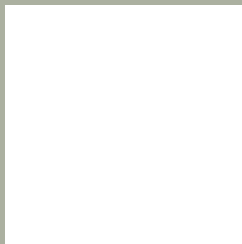
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6651, 42.2467, 39.3743

Background



This preview shows how black text looks on a background with the XYZ color 38.6651, 42.2467, 39.3743.



This preview shows how white text looks on a background with the XYZ color 38.6651, 42.2467,

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

38.6651, 42.2467, 39.3743

Protanopia

39.9375, 42.0591, 38.3610

Deuteranopia

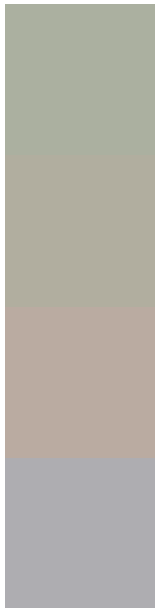
43.0299, 42.2160, 40.0630



Tritanopia

41.2946, 42.1642, 52.4164

Trichromacy



Original Color

38.6651, 42.2467, 39.3743

Protanomaly

39.5255, 42.1224, 38.8481

Deuteranomaly

41.2456, 42.1381, 39.6778

Tritanomaly

40.3349, 42.0601, 47.5875

Monochromacy



Original Color

38.6651, 42.2467, 39.3743

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2172, 41.8699, 43.0605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6651, 42.2467, 39.3743 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(171, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(171, 176, 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(171, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 176, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.6651, 42.2467, 39.3743 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(171, 176, 160) }
```


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

```
.border{ border-color:rgb(171, 176, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(171, 176,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6651, 42.2467, 39.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 176, 160) }
```

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

```
.background{ background-color: rgb(171,  
176, 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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