

Converting Colors

XYZ(39.4599, 42.9674, 41.3364)

Have a look what the booklet for
XYZ(39.4599, 42.9674, 41.3364)
contains.

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Color

**XYZ(39.4362, 42.8953,
41.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB1A4
RGB	172, 177, 164
RGB Percent	67%, 69%, 64%
CMY	0.3255, 0.3059, 0.3569
CMYK	0.03, 0.00, 0.07, 0.31
HSL	83°, 8%, 67%
HSV	83°, 7%, 69%
XYZ	39.4362, 42.8953, 41.3231
YIQ	174.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

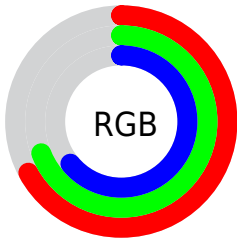
Format	Color
RYB	164, 177, 169
Decimal	11317668
CIELab	71.48, -4.16, 6.03
CIELCh	71, 7.328, 124.590
Yxy	42.8953, 0.3189, 0.3469
Android (android.graphics.Color)	4289507748 (0xFFACB1A4)
YUV	174.0230, -4.9413, -1.7742
Hunter-Lab	65.4945, -7.1352, 8.4377

Details

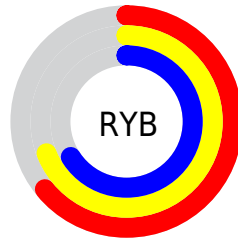
The XYZ color **39.4362, 42.8953, 41.3231** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5753, 38.1615, 46.9828**, and the grayscale version is **40.2691, 42.3662, 46.1368**.

A 20% lighter version of the original color is **73.6036, 79.7232, 78.5266**, and **17.8780, 19.5782, 18.1659** is the 20% darker color. If you saturate the color by 10%, you get **36.4912, 41.5504, 33.4138**, and if you desaturate by 10%, it is **42.6827, 44.3725, 50.4097**.

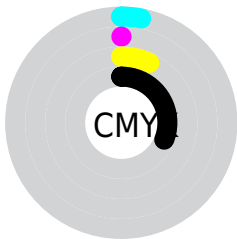
Distribution



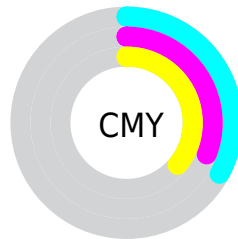
- Red (67%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)





- Cyan (33%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4362, 42.8953, 41.3231 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 39.4362, 42.8953, 41.3231 by changing the saturation by 10% instead.


 39.4362, 42.8953,
41.3231


 39.4362, 42.8953,
41.3231


334.9168,
358.1810, 367.3858

 27.2815, 29.8030,
28.2500


 73.5940, 79.5528,
78.4331

 17.9224, 19.6891,
18.2735


 96.3278, 103.8868,
103.3072

 10.9937, 12.1692,
10.9751


123.3187,
132.7369, 132.9519

 6.1298, 6.8590,
5.9361

154.9321,
166.4873, 167.7860

 2.9656, 3.3741,
2.7381

191.5332,
205.5225, 208.2278

 1.1356, 1.3300,
0.9625

233.4874,

 0.0546, 0.1643,

250.2270, 254.6961

0.0000

281.1602,
300.9850, 307.6092

■ 0.0000, 0.0000,
0.0000

■ 39.4362, 42.8953,
41.3231

■ 39.4362, 42.8953,
41.3231

■ 36.4912, 41.5504,
33.4138

■ 42.6827, 44.3725,
50.4097

■ 33.8339, 40.3279,
26.6307

■ 46.2370, 45.9803,
60.7162

■ 31.4546, 39.2252,
20.9235

■ 50.1093, 47.7245,
72.2864

■ 29.3415, 38.2374,
16.2364

■ 54.3086, 49.6087,
85.1613

■ 27.4820, 37.3593,
12.5092

■ 58.8434, 51.6364,
99.3799

■ 25.8621, 36.5853,
9.6748

■ 61.1757, 52.7927,
101.5734

■ 24.4662, 35.9089,
7.6579

■ 63.1917, 53.8319,
101.6678

■ 23.2764, 35.3228,
6.3705

■ 65.2917, 54.9145,
101.7661

■ 22.2663, 34.8162,
5.6815

■ 67.4766, 56.0409,
101.8683

Harmonies

Analogous

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



40.5808, 42.8953, 40.2438



39.4362, 42.8953, 41.3231



38.6613, 42.8953, 43.8454

Triad

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



39.4362, 42.8953, 41.3231



39.7593, 42.8953, 53.1279



43.1861, 42.8953, 46.1630

Complementary

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



39.4362, 42.8953, 41.3231



37.5753, 38.1615, 46.9828

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.



42.9555, 42.8953, 49.6878



39.4362, 42.8953, 41.3231



40.9612, 42.8953, 53.8247

Square

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



39.4362, 42.8953, 41.3231



38.8452, 42.8953, 50.6776



42.1350, 42.8953, 52.5365



42.7588, 42.8953, 42.9469

Rectangle

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



39.4362, 42.8953, 41.3231



38.4500, 42.8953, 46.0669



42.1350, 42.8953, 52.5365



43.1830, 42.8953, 47.3503

Sweetspot

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



39.4374, 42.8972, 41.3240



73.6467, 78.1975, 82.3818



39.0188, 40.3987, 40.8638



15.9744, 16.9530, 17.8927



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.



39.4374, 42.8972, 41.3240



69.6343, 76.3704, 71.2919



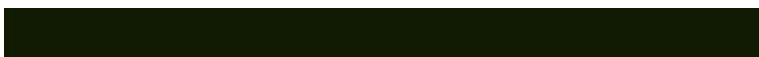
38.0491, 42.1815, 41.2591



8.8740, 9.7401, 9.0648



16.0199, 25.1686, 4.0137



0.5668, 0.8243, 0.1292

Inverse Universe

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



37.5753, 38.1615, 46.9828



65.5292, 65.9301, 83.7673



39.0008, 38.8964, 47.0495



8.3409, 8.3842, 10.6850



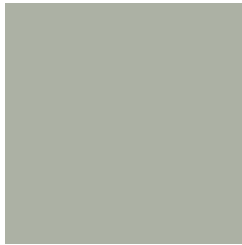
7.5461, 3.2260, 30.3619



0.3037, 0.1357, 0.9584

Previews

White Background



This preview shows how the XYZ color 39.4362, 42.8953, 41.3231 looks on a white background.

Color Contrast Check

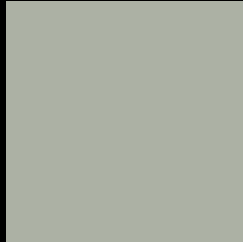
Large Text (above 18pt) WCAG AA × Fail

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 39.4362, 42.8953, 41.3231 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 39.4362, 42.8953, 41.3231

Background



This preview shows how black text looks on a background with the XYZ color 39.4362, 42.8953, 41.3231.



This preview shows how white text looks on a background with the XYZ color 39.4362, 42.8953,

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

39.4362, 42.8953, 41.3231

Protanopia

40.8030, 42.7402, 40.7495

Deuteranopia

43.5766, 42.7312, 42.0276



Tritanopia

42.0102, 43.0901, 53.1167

Trichromacy



Original Color

39.4362, 42.8953, 41.3231

Protanomaly

40.3009, 42.7693, 40.7815

Deuteranomaly

42.0376, 42.7865, 41.6403

Tritanomaly

41.1459, 43.0286, 48.7846

Monochromacy



Original Color

39.4362, 42.8953, 41.3231

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.8193, 42.4465, 44.1245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4362, 42.8953, 41.3231 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(172, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 164)  
}
```

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(172, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 164) }
```

Border

The CSS property to change the border of an element to XYZ 39.4362, 42.8953, 41.3231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

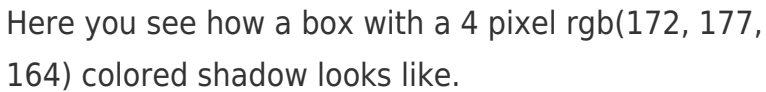
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 177, 164) }
```


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

```
.border{ border-color:rgb(172, 177, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 177, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 177, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 177, 164); box-shadow:4px 4px 4px 4px rgb(172, 177, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4362, 42.8953, 41.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 164) }
```

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

```
.background{ background-color: rgb(172,  
177, 164) }
```

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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