

Converting Colors

XYZ(39.9496, 42.6652, 37.2256)

Have a look what the booklet for
XYZ(39.9496, 42.6652, 37.2256)
contains.

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Color

**XYZ(39.8368, 42.6102,
37.1353)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AF9B
RGB	179, 175, 155
RGB Percent	70%, 69%, 61%
CMY	0.2980, 0.3137, 0.3922
CMYK	0.00, 0.02, 0.13, 0.30
HSL	50°, 14%, 65%
HSV	50°, 13%, 70%
XYZ	39.8368, 42.6102, 37.1353
YIQ	173.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

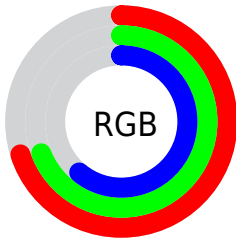
Format	Color
RYB	160, 179, 155
Decimal	11775899
CIELab	71.29, -2.06, 10.76
CIELCh	71, 10.960, 100.855
Yxy	42.6102, 0.3331, 0.3563
Android (android.graphics.Color)	4289965979 (0xFFB3AF9B)
YUV	173.9160, -9.3256, 4.4587
Hunter-Lab	65.2765, -5.2992, 11.9639

Details

The XYZ color **39.8368, 42.6102, 37.1353** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0524, 35.0189, 47.6129**, and the grayscale version is **40.2331, 42.3284, 46.0956**.

A 20% lighter version of the original color is **74.0664, 78.8592, 71.6392**, and **18.1858, 19.6010, 15.9216** is the 20% darker color. If you saturate the color by 10%, you get **37.8703, 40.9069, 29.6049**, and if you desaturate by 10%, it is **42.0413, 44.4320, 45.8456**.

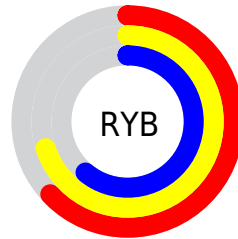
Distribution



Red (70%)

Green (69%)

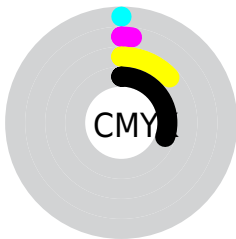
Blue (61%)



Red (63%)

Yellow (70%)

Blue (61%)

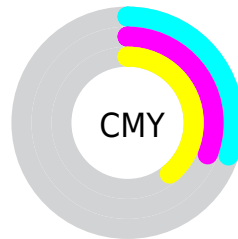


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8368, 42.6102, 37.1353 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 39.8368, 42.6102, 37.1353 by changing the saturation by 10% instead.


 39.8368, 42.6102,
37.1353


 39.8368, 42.6102,
37.1353


336.5815,
357.0063, 349.0822

 27.5950, 29.5794,
25.0157


 74.2009, 79.1223,
71.9695

 18.1595, 19.5196,
15.8696

 97.0538, 103.3724,
95.5211

 11.1649, 12.0463,
9.2786

124.1745,
132.1310, 123.7205

 6.2460, 6.7752,
4.8240

155.9282,
165.7826, 156.9861

 3.0373, 3.3219,
2.0875

192.6805,
204.7115, 195.7365

 1.1735, 1.3020,
0.6083

234.7965,

 0.0853, 0.1428,

249.3022, 240.3904

0.0000

282.6417,
299.9390, 291.3661

■ 0.0000, 0.0000,
0.0000

■ 39.8368, 42.6102,
37.1353

■ 39.8368, 42.6102,
37.1353

■ 37.8703, 40.9069,
29.6049

■ 42.0413, 44.4320,
45.8456

■ 36.1284, 39.3124,
23.2001

■ 44.4897, 46.3706,
55.7813

■ 34.6019, 37.8243,
17.8665

■ 47.1917, 48.4313,
66.9890

■ 33.2791, 36.4378,
13.5442

■ 50.1558, 50.6178,
79.5119

■ 32.1476, 35.1478,
10.1673

■ 53.3897, 52.9332,
93.3912

■ 31.1932, 33.9484,
7.6620

■ 55.6861, 54.8947,
102.2685

■ 30.3997, 32.8331,
5.9435

■ 56.3512, 56.2250,
102.4902

■ 29.7478, 31.7941,
4.9105

■ 57.0297, 57.5819,
102.7164

■ 29.3686, 31.1399,
4.4627

■ 57.7216, 58.9658,
102.9470

Harmonies

Analogous

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



41.6716, 42.6102, 37.4632



39.8368, 42.6102, 37.1353



38.2283, 42.6102, 39.1430

Triad

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



39.8368, 42.6102, 37.1353



37.8812, 42.6102, 53.3469



43.9362, 42.6102, 49.7996

Complementary

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



39.8368, 42.6102, 37.1353



34.0524, 35.0189, 47.6129

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.



42.8594, 42.6102, 54.4921



39.8368, 42.6102, 37.1353



39.3500, 42.6102, 56.6450

Square

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



39.8368, 42.6102, 37.1353



37.1222, 42.6102, 48.3306



41.1699, 42.6102, 57.0793



44.0761, 42.6102, 44.5123

Rectangle

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



39.8368, 42.6102, 37.1353



37.4865, 42.6102, 41.6317



41.1699, 42.6102, 57.0793



43.6703, 42.6102, 51.5090

Sweetspot

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



39.8380, 42.6121, 37.1362



75.0203, 79.3541, 81.0110



36.5703, 35.5302, 37.7320



16.5525, 17.5255, 17.6752



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.8380, 42.6121, 37.1362



70.2967, 75.4214, 62.4363



38.8316, 43.2652, 37.3153



9.0742, 9.6610, 9.0390



20.7938, 22.0862, 3.1671



0.6862, 0.7588, 0.1103

Inverse Universe

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



34.0524, 35.0189, 47.6129



57.9692, 59.2429, 84.7609



34.9628, 34.4845, 47.4617



8.1525, 8.4513, 10.7079



6.1077, 3.0158, 30.3972



0.2270, 0.1645, 0.9680

Previews

White Background



This preview shows how the XYZ color 39.8368, 42.6102, 37.1353 looks on a white background.

Color Contrast Check

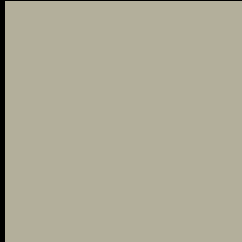
Large Text (above 18pt) WCAG AA × Fail

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 39.8368, 42.6102, 37.1353 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

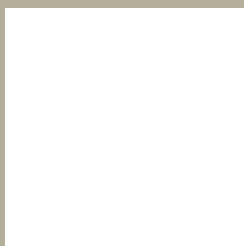
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8368, 42.6102, 37.1353

Background



This preview shows how black text looks on a background with the XYZ color 39.8368, 42.6102, 37.1353.



This preview shows how white text looks on a background with the XYZ color 39.8368, 42.6102,

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

39.8368, 42.6102, 37.1353

Protanopia

40.2602, 42.5503, 36.6629

Deuteranopia

43.2921, 42.4113, 37.3570



Tritanopia

42.7431, 42.6538, 51.3276

Trichromacy



Original Color

39.8368, 42.6102, 37.1353

Protanomaly

40.0248, 42.4290, 36.6519

Deuteranomaly

42.0495, 42.6025, 37.4593

Tritanomaly

41.5868, 42.4673, 45.5403

Monochromacy



Original Color

39.8368, 42.6102, 37.1353

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0156, 42.2922, 42.6134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8368, 42.6102, 37.1353 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(179, 175, 155)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 155)  
}
```

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(179, 175, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 155) }
```

Border

The CSS property to change the border of an element to XYZ 39.8368, 42.6102, 37.1353 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(179, 175, 155) }
```


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

```
.border{ border-color:rgb(179, 175, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 155);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8368, 42.6102, 37.1353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 155) }
```

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

```
.background{ background-color: rgb(179,  
175, 155) }
```

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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