

Converting Colors

XYZ(37.4131, 37.5394, 39.8699)

Have a look what the booklet for
XYZ(37.4131, 37.5394, 39.8699)
contains.

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Color

**XYZ(37.2602, 37.3642,
39.8985)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A1A3
RGB	176, 161, 163
RGB Percent	69%, 63%, 64%
CMY	0.3098, 0.3686, 0.3608
CMYK	0.00, 0.09, 0.07, 0.31
HSL	352°, 9%, 66%
HSV	352°, 9%, 69%
XYZ	37.2602, 37.3642, 39.8985
YIQ	165.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

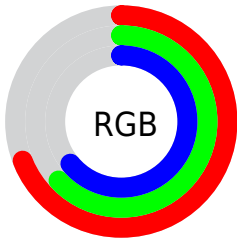
Format	Color
RYB	176, 161, 163
Decimal	11575715
CIELab	67.55, 5.81, 0.93
CIELCh	68, 5.884, 9.116
Yxy	37.3642, 0.3254, 0.3263
Android (android.graphics.Color)	4289765795 (0xFFB0A1A3)
YUV	165.7130, -1.3375, 9.0217
Hunter-Lab	61.1263, 1.8357, 4.0885

Details

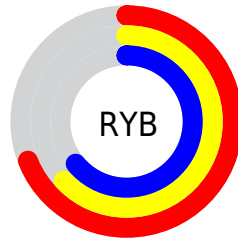
The XYZ color **37.2602, 37.3642, 39.8985** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8647, 41.6846, 46.0967**, and the grayscale version is **36.1113, 37.9919, 41.3732**.

A 20% lighter version of the original color is **70.4895, 71.3295, 76.3824**, and **16.5063, 16.2959, 17.3144** is the 20% darker color. If you saturate the color by 10%, you get **33.1130, 31.1268, 32.1739**, and if you desaturate by 10%, it is **42.0074, 44.5368, 48.6377**.

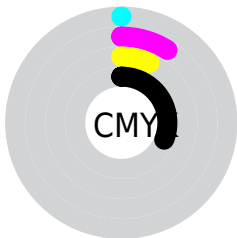
Distribution



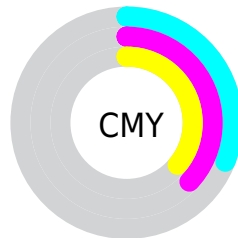
- Red (69%)
- Green (63%)
- Blue (64%)



- Red (69%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (31%)





- Cyan (31%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2602, 37.3642, 39.8985 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 37.2602, 37.3642, 39.8985 by changing the saturation by 10% instead.


 37.2602, 37.3642,
39.8985


 37.2602, 37.3642,
39.8985

325.7717,
334.8846, 361.2349

 25.5836, 25.4896,
27.1462


 70.2840, 71.1326,
76.2443

 16.6434, 16.4422,
17.4497

 92.3620, 93.7951,
100.6750

 10.0743, 9.8376,
10.3903


118.6378,
120.8225, 129.8355

 5.5109, 5.2914,
5.5495

149.4768,
152.5990, 164.1444

 2.5878, 2.4192,
2.5088

185.2443,
189.5091, 204.0202

 0.9398, 0.8358,
0.8448

226.3057,

 0.0000, 0.0000,

231.9371, 249.8816

0.0000

273.0264,
280.2675, 302.1470

■ 37.2602, 37.3642,
39.8985

■ 37.2602, 37.3642,
39.8985

■ 33.1130, 31.1268,
32.1739

■ 42.0074, 44.5368,
48.6377

■ 29.5388, 25.7812,
25.4246

■ 47.3739, 52.6756,
58.4240

■ 26.5133, 21.2882,
19.6126

■ 53.3821, 61.8166,
69.2913

■ 24.0090, 17.6036,
14.6962

■ 60.0523, 71.9921,
81.2715

■ 21.9963, 14.6793,
10.6306

■ 67.4038, 83.2333,
94.3948

■ 20.4423, 12.4620,
7.3671

■ 71.6408, 87.9407,
107.4192

■ 19.3103, 10.8914,
4.8522

■ 71.7147, 87.9702,
107.8079

■ 18.5578, 9.8975,
3.0254

■ 18.1159, 9.3599,
1.8111

Harmonies

Analogous

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



37.1649, 37.3642, 42.4864



37.2602, 37.3642, 39.8985



36.8813, 37.3642, 37.6184

Triad

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



37.2602, 37.3642, 39.8985



34.4266, 37.3642, 36.9365



34.8966, 37.3642, 45.5212

Complementary

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



37.2602, 37.3642, 39.8985



37.8647, 41.6846, 46.0967

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.



34.1800, 37.3642, 43.9103



37.2602, 37.3642, 39.8985



33.9119, 37.3642, 38.9318

Square

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



37.2602, 37.3642, 39.8985



35.2385, 37.3642, 35.9567



33.8224, 37.3642, 41.4782



35.7901, 37.3642, 45.8069

Rectangle

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



37.2602, 37.3642, 39.8985



36.4146, 37.3642, 36.5530



33.8224, 37.3642, 41.4782



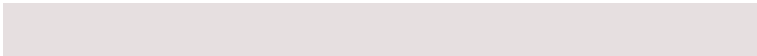
34.6275, 37.3642, 45.1135

Sweetspot

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



37.2613, 37.3658, 39.8993



72.1489, 74.6667, 80.7980



38.0380, 37.6247, 46.3321



15.4873, 15.9570, 17.2367



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.



37.2613, 37.3658, 39.8993



66.2606, 65.7818, 69.9204



38.0659, 39.2592, 39.2917



8.5409, 8.5231, 9.0809



13.2665, 6.8241, 1.2973



0.4319, 0.2205, 0.1173

Inverse Universe

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



37.2613, 37.3658, 39.8993



66.2606, 65.7818, 69.9204



37.0044, 39.6502, 46.7776



8.5409, 8.5231, 9.0809



13.2665, 6.8241, 1.2973



0.4319, 0.2205, 0.1173

Previews

White Background



This preview shows how the XYZ color 37.2602, 37.3642, 39.8985 looks on a white background.

Color Contrast Check

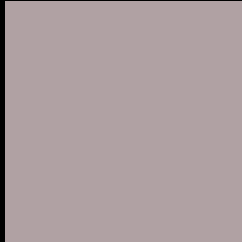
Large Text (above 18pt) WCAG AA × Fail

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 37.2602, 37.3642, 39.8985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

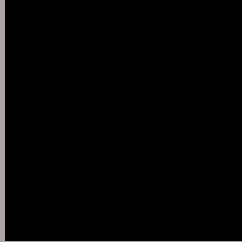
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2602, 37.3642, 39.8985

Background



This preview shows how black text looks on a background with the XYZ color 37.2602, 37.3642, 39.8985.



This preview shows how white text looks on a background with the XYZ color 37.2602, 37.3642,

39.8985.

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

37.2602, 37.3642, 39.8985

Protanopia

36.0033, 37.4830, 40.9347

Deuteranopia

38.0651, 37.2644, 39.8368



Tritanopia

38.1487, 37.4673, 44.2510

Trichromacy



Original Color

37.2602, 37.3642, 39.8985

Protanomaly

36.3756, 37.4208, 40.4277

Deuteranomaly

37.7721, 37.3697, 39.8726

Tritanomaly

37.8637, 37.3533, 42.7504

Monochromacy



Original Color

37.2602, 37.3642, 39.8985

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6446, 37.8136, 40.9647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2602, 37.3642, 39.8985 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(176, 161, 163)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 163)  
}
```

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(176, 161, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 163) }
```

Border

The CSS property to change the border of an element to XYZ 37.2602, 37.3642, 39.8985 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(176, 161, 163) }
```


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

```
.border{ border-color:rgb(176, 161, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 163);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2602, 37.3642, 39.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 163) }
```

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

```
.background{ background-color: rgb(176,  
161, 163) }
```

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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