

Converting Colors

XYZ(36.0989, 37.3651, 40.0835)

Have a look what the booklet for
XYZ(36.0989, 37.3651, 40.0835)
contains.

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Color

**XYZ(36.0702, 37.2737,
39.9438)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A3A3
RGB	169, 163, 163
RGB Percent	66%, 64%, 64%
CMY	0.3373, 0.3608, 0.3608
CMYK	0.00, 0.04, 0.04, 0.34
HSL	0°, 3%, 65%
HSV	0°, 4%, 66%
XYZ	36.0702, 37.2737, 39.9438
YIQ	164.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

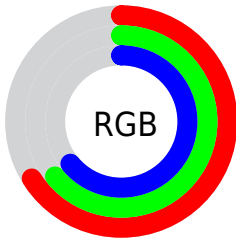
Format	Color
RYB	169, 163, 163
Decimal	11117475
CIELab	67.48, 2.16, 0.76
CIELCh	67, 2.293, 19.401
Yxy	37.2737, 0.3184, 0.3290
Android (android.graphics.Color)	4289307555 (0xFFA9A3A3)
YUV	164.7940, -0.8844, 3.6887
Hunter-Lab	61.0522, -1.3819, 3.9457

Details

The XYZ color **36.0702, 37.2737, 39.9438** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4536, 39.0265, 43.1481**, and the grayscale version is **35.6692, 37.5268, 40.8667**.

A 20% lighter version of the original color is **68.4668, 71.0521, 76.4355**, and **15.8898, 16.2985, 17.3474** is the 20% darker color. If you saturate the color by 10%, you get **31.8547, 31.1058, 31.5605**, and if you desaturate by 10%, it is **40.8909, 44.3270, 49.5281**.

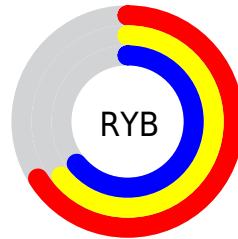
Distribution



Red (66%)

Green (64%)

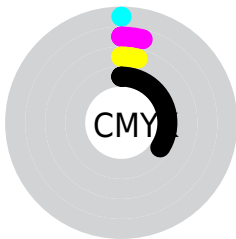
Blue (64%)



Red (66%)

Yellow (64%)

Blue (64%)

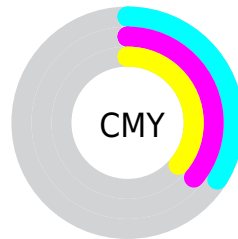


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (34%)



Cyan (34%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0702, 37.2737, 39.9438 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 36.0702, 37.2737, 39.9438 by changing the saturation by 10% instead.


 36.0702, 37.2737,
39.9438


 36.0702, 37.2737,
39.9438

320.6932,
334.4940, 361.4317

 24.6588, 25.4195,
27.1813


 68.4636, 70.9935,
76.3141

 15.9504, 16.3899,
17.4758


 90.1762, 93.6279,
100.7589

 9.5797, 9.8004,
10.4088

116.0533,
120.6245, 129.9349

 5.1813, 5.2668,
5.5617

146.4603,
152.3677, 164.2607

 2.3899, 2.4047,
2.5160

181.7623,
189.2418, 204.1547

 0.8401, 0.8283,
0.8486

222.3250,

 0.0000, 0.0000,

231.6313, 250.0355

0.0000

268.5134,
279.9206, 302.3216

■ 36.0702, 37.2737,
39.9438

■ 36.0702, 37.2737,
39.9438

■ 31.8547, 31.1058,
31.5605

■ 40.8909, 44.3270,
49.5281

■ 28.2174, 25.7839,
24.3286

■ 46.3359, 52.2937,
60.3556

■ 25.1342, 21.2724,
18.1985

■ 52.4277, 61.2066,
72.4695

■ 22.5777, 17.5317,
13.1162

■ 59.1865, 71.0952,
85.9099

■ 20.5187, 14.5186,
9.0231

■ 66.6316, 81.9879,
100.7155

■ 18.9246, 12.1859,
5.8549

■ 70.1724, 87.1751,
107.7357

■ 17.7595, 10.4807,
3.5395

■ 16.9817, 9.3422,
1.9943

■ 16.5416, 8.6978,
1.1206

Harmonies

Analogous

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



36.0974, 37.2737, 40.9425



36.0702, 37.2737, 39.9438



35.8701, 37.2737, 39.1297

Triad

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



36.0702, 37.2737, 39.9438



34.9158, 37.2737, 39.3355



35.3031, 37.2737, 42.5213

Complementary

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



36.0702, 37.2737, 39.9438



36.4536, 39.0265, 43.1481

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.



34.9886, 37.2737, 42.0754



36.0702, 37.2737, 39.9438



34.7660, 37.2737, 40.2290

Square

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



36.0702, 37.2737, 39.9438



35.2030, 37.2737, 38.7825



34.7925, 37.2737, 41.2325



35.6530, 37.2737, 42.4419

Rectangle

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



36.0702, 37.2737, 39.9438



35.6663, 37.2737, 38.7960



34.7925, 37.2737, 41.2325



35.1898, 37.2737, 42.4276

Sweetspot

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



36.0713, 37.2753, 39.9446



66.6828, 69.8034, 75.6775



36.6213, 37.4945, 42.8436



14.5445, 15.2295, 16.5153



80.6108, 84.8088, 92.3568



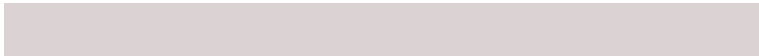
14.7206, 15.4872, 16.8656

Same Dimension

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



36.0713, 37.2753, 39.9446



64.1807, 66.1425, 70.7023



36.6098, 38.3523, 40.1241



7.9800, 8.1993, 8.7403



12.1954, 6.2881, 0.5709



0.2968, 0.1532, 0.0139

Inverse Universe

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



36.4536, 39.0265, 43.1481



64.9634, 69.7271, 77.2598



35.9024, 37.9241, 42.9644



8.0914, 8.7091, 9.6729



15.9008, 23.2618, 31.6274



0.3870, 0.5661, 0.7695

Previews

White Background



This preview shows how the XYZ color 36.0702, 37.2737, 39.9438 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 36.0702, 37.2737, 39.9438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

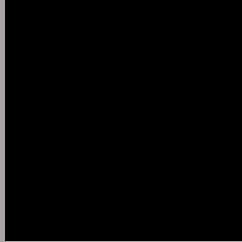
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0702, 37.2737, 39.9438

Background



This preview shows how black text looks on a background with the XYZ color 36.0702, 37.2737, 39.9438.



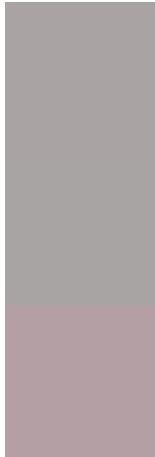
This preview shows how white text looks on a background with the XYZ color 36.0702, 37.2737,

39.9438.

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

36.0702, 37.2737, 39.9438

Protanopia

35.8227, 37.4108, 39.9833

Deuteranopia

37.9214, 37.1799, 40.2997



Tritanopia

37.1794, 37.2037, 45.2659

Trichromacy



Original Color

36.0702, 37.2737, 39.9438

Protanomaly

36.0348, 37.5201, 39.9932

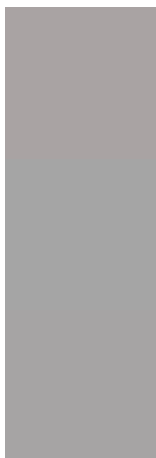
Deuteranomaly

37.1761, 37.0521, 40.3143

Tritanomaly

36.7536, 37.2890, 43.2906

Monochromacy



Original Color

36.0702, 37.2737, 39.9438

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.7022, 37.3382, 40.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0702, 37.2737, 39.9438 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(169, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(169, 163, 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(169, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 163, 163) }
```

Border

The CSS property to change the border of an element to XYZ 36.0702, 37.2737, 39.9438 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(169, 163, 163) }
```


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

```
.border{ border-color:rgb(169, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(169, 163,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0702, 37.2737, 39.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 163, 163) }
```

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

```
.background{ background-color: rgb(169,  
163, 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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