

Converting Colors

XYZ(36.0997, 37.8611, 40.4342)

Have a look what the booklet for
XYZ(36.0997, 37.8611, 40.4342)
contains.

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Color

**XYZ(36.0923, 37.8061,
40.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A5A4
RGB	167, 165, 164
RGB Percent	65%, 65%, 64%
CMY	0.3451, 0.3529, 0.3569
CMYK	0.00, 0.01, 0.02, 0.35
HSL	20°, 2%, 65%
HSV	20°, 2%, 65%
XYZ	36.0923, 37.8061, 40.5170
YIQ	165.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

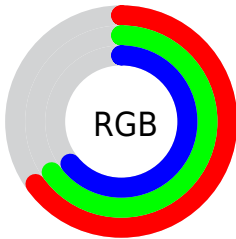
Format	Color
RYB	167, 166, 164
Decimal	10986916
CIELab	67.88, 0.53, 0.76
CIELCh	68, 0.929, 55.105
Yxy	37.8061, 0.3154, 0.3304
Android (android.graphics.Color)	4289176996 (0xFFA7A5A4)
YUV	165.4840, -0.7316, 1.3295
Hunter-Lab	61.4867, -2.8232, 3.9712

Details

The XYZ color **36.0923, 37.8061, 40.5170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9211, 37.9544, 41.9923**, and the grayscale version is **36.0005, 37.8753, 41.2462**.

A 20% lighter version of the original color is **68.5036, 71.8305, 77.2720**, and **15.9000, 16.6249, 17.7001** is the 20% darker color. If you saturate the color by 10%, you get **32.7638, 33.4058, 32.4489**, and if you desaturate by 10%, it is **39.7954, 42.6375, 49.6879**.

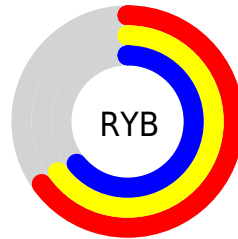
Distribution



Red (65%)

Green (65%)

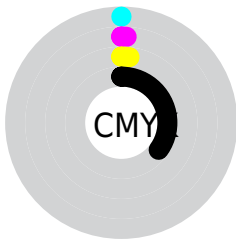
Blue (64%)



Red (65%)

Yellow (65%)

Blue (64%)

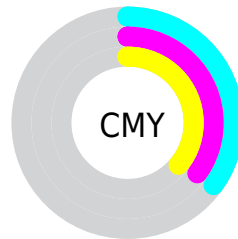


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0923, 37.8061, 40.5170 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 36.0923, 37.8061, 40.5170 by changing the saturation by 10% instead.

■ 36.0923, 37.8061,
40.5170

■ 36.0923, 37.8061,
40.5170

320.7880,
336.7875, 363.9145

■ 24.6759, 25.8322,
27.6250

■ 68.4974, 71.8108,
77.1958

■ 15.9632, 16.6982,
17.8066

■ 90.2169, 94.6105,
101.8197

■ 9.5888, 10.0195,
10.6432

116.1015,
121.7876, 131.1914

■ 5.1874, 5.4119,
5.7163

146.5165,
153.7264, 165.7293

■ 2.3935, 2.4909,
2.6074

181.8273,
190.8114, 205.8521

■ 0.8419, 0.8721,
0.8963

222.3992,

■ 0.0000, 0.0000,

233.4270, 251.9781

0.0000

268.5977,
281.9575, 304.5261

■ 36.0923, 37.8061,
40.5170

■ 36.0923, 37.8061,
40.5170

■ 32.7638, 33.4058,
32.4489

■ 39.7954, 42.6375,
49.6879

■ 29.7945, 29.4199,
25.4395

■ 43.8812, 47.9064,
59.9989

■ 27.1727, 25.8374,
19.4450

■ 48.3620, 53.6256,
71.4881

■ 24.8850, 22.6453,
14.4178

■ 53.2481, 59.8055,
84.1916

■ 22.9169, 19.8299,
10.3065

■ 58.5498, 66.4564,
98.1436

■ 21.2527, 17.3763,
7.0546

■ 62.7594, 72.9812,
105.3868

■ 19.8752, 15.2688,
4.5996

■ 65.9828, 79.4281,
106.4612

■ 18.7655, 13.4904,
2.8701

■ 69.4076, 86.2778,
107.6029

■ 17.9016, 12.0222,
1.7819

■ 69.7465, 86.9556,
107.7158

Harmonies

Analogous

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



36.1850, 37.8061, 40.8287



36.0923, 37.8061, 40.5170



35.9572, 37.8061, 40.3789

Triad

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



36.0923, 37.8061, 40.5170



35.6582, 37.8061, 41.0967



36.0512, 37.8061, 41.8871

Complementary

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



36.0923, 37.8061, 40.5170



35.9211, 37.9544, 41.9923

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.



35.9099, 37.8061, 41.9601



36.0923, 37.8061, 40.5170



35.6833, 37.8061, 41.5020

Square

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



36.0923, 37.8061, 40.5170



35.7068, 37.8061, 40.7121



35.7753, 37.8061, 41.8187



36.1613, 37.8061, 41.6200

Rectangle

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



36.0923, 37.8061, 40.5170



35.8614, 37.8061, 40.4031



35.7753, 37.8061, 41.8187



36.0058, 37.8061, 41.9353

Sweetspot

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



36.0934, 37.8077, 40.5178



65.1319, 68.3558, 73.7702



36.0952, 37.5201, 41.4166



14.5834, 15.3074, 16.5283



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.



36.0934, 37.8077, 40.5178



64.4894, 67.5124, 72.1944



36.3649, 38.3509, 40.6083



8.3060, 8.6991, 9.3175



13.3119, 8.5211, 0.9431



0.3707, 0.3010, 0.0386

Inverse Universe

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



35.9211, 37.9544, 41.9923



64.1401, 67.8097, 75.1833



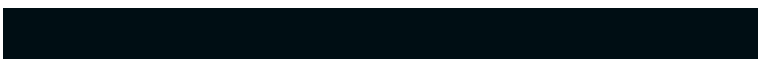
35.6505, 37.4133, 41.9022



8.2649, 8.7341, 9.6686



9.7472, 10.9545, 29.5762



0.2813, 0.3548, 0.7343

Previews

White Background



This preview shows how the XYZ color 36.0923, 37.8061, 40.5170 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 36.0923, 37.8061, 40.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

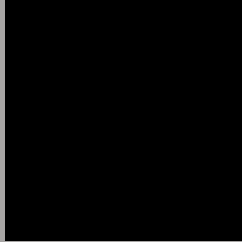
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0923, 37.8061, 40.5170

Background



This preview shows how black text looks on a background with the XYZ color 36.0923, 37.8061, 40.5170.

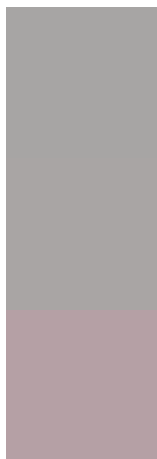


This preview shows how white text looks on a background with the XYZ color 36.0923, 37.8061,

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

36.0923, 37.8061, 40.5170

Protanopia

36.5182, 38.0256, 40.5369

Deuteranopia

38.4184, 37.6820, 40.8458



Tritanopia

37.2959, 37.7640, 46.3978

Trichromacy



Original Color

36.0923, 37.8061, 40.5170

Protanomaly

36.3044, 37.9154, 40.5269

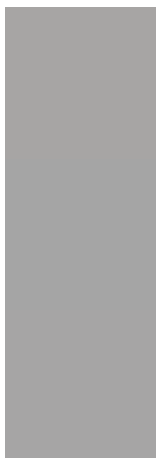
Deuteranomaly

37.6164, 37.7874, 40.9084

Tritanomaly

36.8703, 37.8543, 44.3931

Monochromacy



Original Color

36.0923, 37.8061, 40.5170

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9725, 37.7339, 40.9847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0923, 37.8061, 40.5170 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(167, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(167, 165, 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(167, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.0923, 37.8061, 40.5170 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(167, 165, 164) }
```


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

```
.border{ border-color:rgb(167, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(167, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0923, 37.8061, 40.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 165, 164) }
```

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

```
.background{ background-color: rgb(167,  
165, 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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