

Converting Colors

XYZ(37.1061, 36.0990, 47.1316)

Have a look what the booklet for
XYZ(37.1061, 36.0990, 47.1316)
contains.

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Color

**XYZ(37.1061, 36.0990,
47.1316)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AC9DB2 |
| RGB | 172, 157, 178 |
| RGB Percent | 67%, 62%, 70% |
| CMY | 0.3255, 0.3843, 0.3020 |
| CMYK | 0.03, 0.12, 0.00, 0.30 |
| HSL | 283°, 12%, 66% |
| HSV | 283°, 12%, 70% |
| XYZ | 37.1061, 36.0990, 47.1316 |
| YIQ | 163.8790, 2.1990, 9.7110 |

Conversions

Conversions Part 2

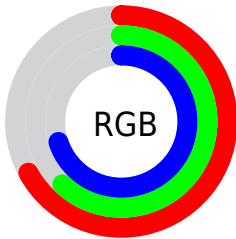
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 172, 157, 178 |
| Decimal | 11312562 |
| CIE _{Lab} | 66.60, 9.42, -8.89 |
| CIE _{LCh} | 67, 12.947, 316.661 |
| Yxy | 36.0990, 0.3084, 0.3000 |
| Android (android.graphics.Color) | 4289502642 (0xFFAC9DB2) |
| YUV | 163.8790, 6.9617, 7.1221 |
| Hunter-Lab | 60.0824, 5.0949, -4.4523 |

Details

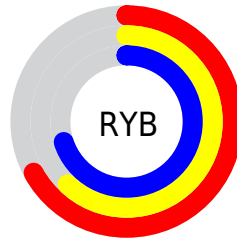
The XYZ color **37.1061, 36.0990, 47.1316** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1119, 42.0627, 38.0631**, and the grayscale version is **35.1972, 37.0302, 40.3259**.

A 20% lighter version of the original color is **70.0733, 69.3584, 87.5361**, and **16.6014, 15.7818, 21.5732** is the 20% darker color. If you saturate the color by 10%, you get **33.2165, 29.9450, 46.1493**, and if you desaturate by 10%, it is **41.4793, 43.1556, 48.2637**.

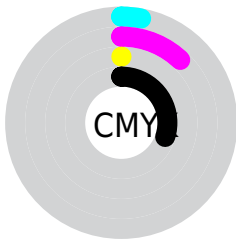
Distribution



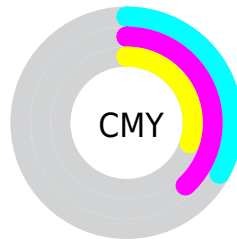
- Red (67%)
- Green (62%)
- Blue (70%)



- Red (67%)
- Yellow (62%)
- Blue (70%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)



- Cyan (33%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1061, 36.0990, 47.1316 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 37.1061, 36.0990, 47.1316 by changing the saturation by 10% instead.

■ 37.1061, 36.0990,
47.1316

■ 37.1061, 36.0990,
47.1316

325.1172,
329.3930, 391.7485

■ 25.4637, 24.5107,
32.7846

■ 70.0487, 69.1848,
87.2621

■ 16.5534, 15.7129,
21.6917

■ 92.0796, 91.4511,
113.8826

■ 10.0099, 9.3212,
13.4344

118.3041,
118.0455, 145.4314

■ 5.4679, 4.9513,
7.5941

149.0875,
149.3525, 182.3271

■ 2.5619, 2.2187,
3.7523

184.7951,
185.7563, 224.9881

■ 0.9266, 0.7302,
1.4905

225.7924,

■ 0.0000, 0.0000,

227.6414, 273.8329

0.2108

272.4446,
275.3922, 329.2803

■ 0.0000, 0.0000,
0.0000

■ 37.1061, 36.0990,
47.1316

■ 37.1061, 36.0990,
47.1316

■ 33.2165, 29.9450,
46.1493

■ 41.4793, 43.1556,
48.2637

■ 29.7879, 24.6509,
45.3082

■ 46.3512, 51.1460,
49.5492

■ 26.8008, 20.1776,
44.6022

■ 51.7399, 60.1053,
50.9945

■ 24.2325, 16.4808,
44.0240

■ 57.6620, 70.0657,
52.6050

■ 22.0587, 13.5123,
43.5656

■ 64.1329, 81.0578,
54.3856

■ 20.2520, 11.2181,
43.2180

■ 68.2941, 87.3636,
55.3834

■ 18.7811, 9.5367,
42.9709

■ 69.6980, 88.0873,
55.4491

■ 17.6093, 8.3949,
42.8123

■ 71.1476, 88.8347,
55.5170

■ 16.8086, 7.7369,
42.7275

■ 72.6436, 89.6059,
55.5870

Harmonies

Analogous

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



35.3955, 36.0990, 50.4962



37.1061, 36.0990, 47.1316



38.0836, 36.0990, 41.8311

Triad

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



37.1061, 36.0990, 47.1316



35.1818, 36.0990, 29.7702



30.8485, 36.0990, 42.4601

Complementary

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



37.1061, 36.0990, 47.1316



37.1119, 42.0627, 38.0631

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.



30.7962, 36.0990, 36.8840



37.1061, 36.0990, 47.1316



33.2489, 36.0990, 29.9041

Square

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



37.1061, 36.0990, 47.1316



36.9446, 36.0990, 32.0130



31.6599, 36.0990, 32.3979



31.8056, 36.0990, 47.6295

Rectangle

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



37.1061, 36.0990, 47.1316



38.1648, 36.0990, 38.0752



31.6599, 36.0990, 32.3979



30.7258, 36.0990, 40.5624

Sweetspot

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



37.1072, 36.1005, 47.1324



73.3384, 75.2040, 87.0316



35.0926, 36.6851, 47.3514



16.1132, 16.4428, 19.2468



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.



37.1072, 36.1005, 47.1324



65.4854, 62.5864, 85.0101



38.0387, 36.6287, 45.0083



8.6087, 8.5223, 10.6976



12.0908, 5.5688, 30.5746



0.4344, 0.2030, 0.9645

Inverse Universe

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



37.0293, 36.2250, 39.6928



65.3378, 62.8664, 68.9127



36.2771, 41.5901, 39.9281



8.5929, 8.5439, 9.3546



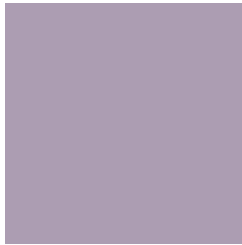
13.5863, 6.9521, 2.9813



0.4533, 0.2291, 0.2296

Previews

White Background



This preview shows how the XYZ color 37.1061, 36.0990, 47.1316 looks on a white background.

Color Contrast Check

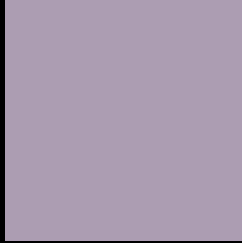
Large Text (above 18pt) WCAG AA × Fail

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 37.1061, 36.0990, 47.1316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

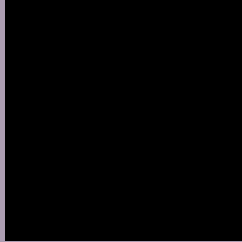
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1061, 36.0990, 47.1316

Background



This preview shows how black text looks on a background with the XYZ color 37.1061, 36.0990, 47.1316.



This preview shows how white text looks on a background with the XYZ color 37.1061, 36.0990,

47.1316.

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

37.1061, 36.0990, 47.1316

Protanopia

35.2812, 36.1560, 48.2993

Deuteranopia

36.8403, 36.2141, 47.1678



Tritanopia

36.3721, 36.0519, 43.5698

Trichromacy



Original Color

37.1061, 36.0990, 47.1316

Protanomaly

36.0173, 36.2888, 47.7539

Deuteranomaly

37.0573, 36.3260, 47.1780

Tritanomaly

36.6614, 36.1676, 45.0932

Monochromacy



Original Color

37.1061, 36.0990, 47.1316

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8427, 36.5698, 42.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1061, 36.0990, 47.1316 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, 157, 178)` looks like.

```
.text, #text, p{  
    color:rgb(172, 157, 178)  
}
```

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, 157, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 157, 178) }
```

Border

The CSS property to change the border of an element to XYZ 37.1061, 36.0990, 47.1316 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, 157, 178) }
```


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

```
.border{ border-color:rgb(172, 157, 178) }
```

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

Here you see how a box with a 4 pixel rgb(172, 157, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 157, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 157, 178);  
box-shadow:4px 4px 4px 4px rgb(172, 157,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1061, 36.0990, 47.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 157, 178) }
```

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

```
.background{ background-color: rgb(172,  
157, 178) }
```

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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