

Converting Colors

XYZ(37.3836, 37.4435, 41.4951)

Have a look what the booklet for
XYZ(37.3836, 37.4435, 41.4951)
contains.

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Color

**XYZ(37.3070, 37.3569,
41.3207)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA1A6
RGB	175, 161, 166
RGB Percent	69%, 63%, 65%
CMY	0.3137, 0.3686, 0.3490
CMYK	0.00, 0.08, 0.05, 0.31
HSL	339°, 8%, 66%
HSV	339°, 8%, 69%
XYZ	37.3070, 37.3569, 41.3207
YIQ	165.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

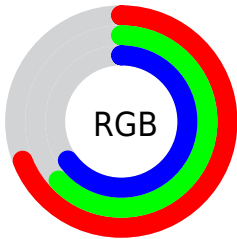
Format	Color
RYB	175, 161, 166
Decimal	11510182
CIELab	67.54, 5.99, -0.76
CIELCh	68, 6.034, 352.785
Yxy	37.3569, 0.3217, 0.3221
Android (android.graphics.Color)	4289700262 (0xFFAFA1A6)
YUV	165.7560, 0.1203, 8.1070
Hunter-Lab	61.1203, 1.9935, 2.7009

Details

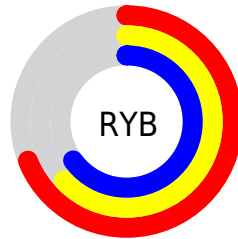
The XYZ color **37.3070, 37.3569, 41.3207** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2850, 41.1402, 44.0080**, and the grayscale version is **36.1258, 38.0071, 41.3898**.

A 20% lighter version of the original color is **70.5620, 71.3211, 78.4539**, and **16.6743, 16.3631, 18.1992** is the 20% darker color. If you saturate the color by 10%, you get **33.4730, 31.2688, 35.1710**, and if you desaturate by 10%, it is **41.6615, 44.3404, 48.0904**.

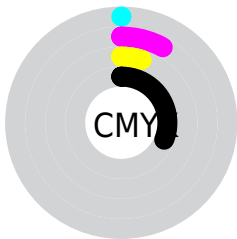
Distribution



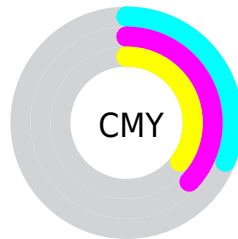
- Red (69%)
- Green (63%)
- Blue (65%)



- Red (69%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3070, 37.3569, 41.3207 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 37.3070, 37.3569, 41.3207 by changing the saturation by 10% instead.

■ 37.3070, 37.3569,
41.3207

■ 37.3070, 37.3569,
41.3207

325.9703,
334.8531, 367.3755

■ 25.6200, 25.4839,
28.2482

■ 70.3555, 71.1214,
78.4294

■ 16.6708, 16.4380,
18.2721

■ 92.4477, 93.7816,
103.3027

■ 10.0939, 9.8346,
10.9741

118.7390,
120.8065, 132.9467

■ 5.5240, 5.2894,
5.9355

149.5949,
152.5803, 167.7799

■ 2.5958, 2.4181,
2.7377

185.3806,
189.4875, 208.2208

■ 0.9438, 0.8352,
0.9623

226.4615,

■ 0.0000, 0.0000,

231.9124, 254.6880

0.0000

273.2029,
280.2395, 307.6000

■ 37.3070, 37.3569,
41.3207

■ 37.3070, 37.3569,
41.3207

■ 33.4730, 31.2688,
35.1710

■ 41.6615, 44.3404,
48.0904

■ 30.1364, 26.0351,
29.6210

■ 46.5521, 52.2487,
55.4950

■ 27.2768, 21.6184,
24.6524

■ 51.9979, 61.1157,
63.5518

■ 24.8715, 17.9772,
20.2453

■ 58.0159, 70.9722,
72.2767

■ 22.8954, 15.0657,
16.3786

■ 64.6224, 81.8478,
81.6850

■ 21.3214, 12.8338,
13.0294

■ 68.2213, 86.5468,
90.5876

■ 20.1186, 11.2247,
10.1731

■ 69.8855, 87.2125,
99.3516

■ 19.2515, 10.1721,
7.7827

■ 71.4894, 87.8541,
107.7974

■ 18.6637, 9.5686,
5.8231

Harmonies

Analogous

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



36.9471, 37.3569, 43.8460



37.3070, 37.3569, 41.3207



37.1778, 37.3569, 38.7275

Triad

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



37.3070, 37.3569, 41.3207



34.8198, 37.3569, 36.1420



34.4380, 37.3569, 44.8836

Complementary

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



37.3070, 37.3569, 41.3207



37.2850, 41.1402, 44.0080

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.



33.8863, 37.3569, 42.6873



37.3070, 37.3569, 41.3207



34.1040, 37.3569, 37.6613

Square

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



37.3070, 37.3569, 41.3207



35.7313, 37.3569, 35.8118



33.7651, 37.3569, 40.0367



35.2829, 37.3569, 45.9604

Rectangle

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



37.3070, 37.3569, 41.3207



36.8328, 37.3569, 37.3009



33.7651, 37.3569, 40.0367



34.2127, 37.3569, 44.2473

Sweetspot

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



37.3081, 37.3585, 41.3215



71.3522, 74.1674, 81.0984



37.0328, 37.1179, 45.7705



15.8780, 16.5154, 18.0548



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.



37.3081, 37.3585, 41.3215



65.2451, 64.4013, 71.5157



37.1870, 37.8359, 39.0633



8.1190, 8.0608, 8.9372



13.3197, 6.7904, 4.0632



0.3971, 0.1995, 0.2529

Inverse Universe

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



37.3081, 37.3585, 41.3215



65.2451, 64.4013, 71.5157



37.4062, 40.6115, 46.4252



8.1190, 8.0608, 8.9372



13.3197, 6.7904, 4.0632



0.3971, 0.1995, 0.2529

Previews

White Background



This preview shows how the XYZ color 37.3070, 37.3569, 41.3207 looks on a white background.

Color Contrast Check

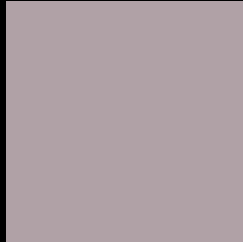
Large Text (above 18pt) WCAG AA × Fail

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 37.3070, 37.3569, 41.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

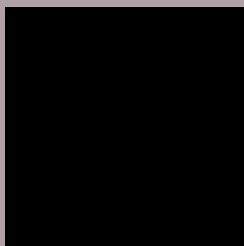
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

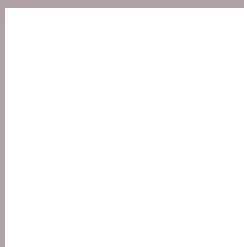
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3070, 37.3569, 41.3207

Background



This preview shows how black text looks on a background with the XYZ color 37.3070, 37.3569, 41.3207.



This preview shows how white text looks on a background with the XYZ color 37.3070, 37.3569,

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

37.3070, 37.3569, 41.3207

Protanopia

36.2797, 37.5936, 42.3899

Deuteranopia

38.1035, 37.2527, 41.2586



Tritanopia

38.0181, 37.3888, 44.7482

Trichromacy



Original Color

37.3070, 37.3569, 41.3207

Protanomaly

36.6498, 37.5305, 41.8717

Deuteranomaly

37.8138, 37.3598, 41.2945

Tritanomaly

37.7310, 37.2740, 43.2362

Monochromacy



Original Color

37.3070, 37.3569, 41.3207

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.5206, 37.7391, 41.4359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3070, 37.3569, 41.3207 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(175, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 166)  
}
```

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(175, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 37.3070, 37.3569, 41.3207 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(175, 161, 166) }
```


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

```
.border{ border-color:rgb(175, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3070, 37.3569, 41.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 166) }
```

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

```
.background{ background-color: rgb(175,  
161, 166) }
```

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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