

Converting Colors

XYZ(37.3532, 37.3870, 52.1918)

Have a look what the booklet for
XYZ(37.3532, 37.3870, 52.1918)
contains.

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Color

**XYZ(37.4070, 37.4278,
52.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A2BB
RGB	165, 162, 187
RGB Percent	65%, 64%, 73%
CMY	0.3529, 0.3647, 0.2667
CMYK	0.12, 0.13, 0.00, 0.27
HSL	247°, 16%, 68%
HSV	247°, 13%, 73%
XYZ	37.4070, 37.4278, 52.2664
YIQ	165.7470, -6.2370, 8.4110

Conversions

Conversions Part 2

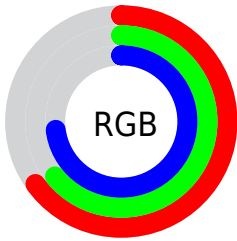
Format	Color
R _Y B	165, 162, 187
Decimal	10855099
CIE Lab	67.60, 6.09, -12.46
CIE LCh	68, 13.871, 296.022
Yxy	37.4278, 0.2943, 0.2945
Android (android.graphics.Color)	4289045179 (0xFFA5A2BB)
YUV	165.7470, 10.4777, -0.6551
Hunter-Lab	61.1783, 2.0806, -7.8284

Details

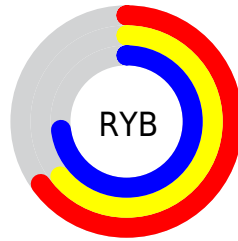
The XYZ color **37.4070, 37.4278, 52.2664** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0603, 48.3405, 41.1926**, and the grayscale version is **36.0775, 37.9563, 41.3344**.

A 20% lighter version of the original color is **70.5057, 71.3124, 94.8426**, and **16.6891, 16.3838, 24.8370** is the 20% darker color. If you saturate the color by 10%, you get **31.1493, 29.6709, 51.0996**, and if you desaturate by 10%, it is **44.5973, 46.3946, 53.6188**.

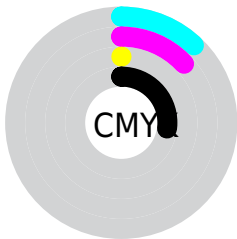
Distribution



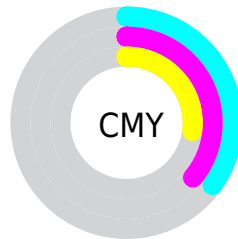
- Red (65%)
- Green (64%)
- Blue (73%)



- Red (65%)
- Yellow (64%)
- Blue (73%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4070, 37.4278, 52.2664 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 37.4070, 37.4278, 52.2664 by changing the saturation by 10% instead.

■ 37.4070, 37.4278,
52.2664

■ 37.4070, 37.4278,
52.2664

326.3943,
335.1590, 412.4504

■ 25.6979, 25.5389,
36.8338

■ 70.5081, 71.2303,
94.9546

■ 16.7293, 16.4790,
24.7840

■ 92.6308, 93.9126,
123.0472

■ 10.1358, 9.8637,
15.6987

118.9554,
120.9615, 156.1969

■ 5.5520, 5.3087,
9.1591

149.8472,
152.7614, 194.8222

■ 2.6127, 2.4295,
4.7469

185.6717,
189.6968, 239.3417

■ 0.9524, 0.8410,
2.0434

226.7941,

■ 0.0000, 0.0000,

232.1519, 290.1738

0.5818

273.5798,
280.5111, 347.7372

■ 0.0000, 0.0000,
0.0000

■ 37.4070, 37.4278,
52.2664

■ 37.4070, 37.4278,
52.2664

■ 31.1493, 29.6709,
51.0996

■ 44.5973, 46.3946,
53.6188

■ 25.7826, 23.0675,
50.1078

■ 52.7529, 56.6152,
55.1617

■ 21.2672, 17.5637,
49.2835

■ 61.9088, 68.1371,
56.9031

■ 17.5589, 13.0996,
48.6173

■ 72.0977, 81.0037,
58.8496

■ 14.6096, 9.6093,
48.0990

■ 83.1892, 94.9345,
60.9539

■ 12.3661, 7.0195,
47.7174

■ 85.9697, 96.3679,
61.0840

■ 10.7680, 5.2463,
47.4594

■ 9.7444, 4.1897,
47.3094

■ 9.3101, 3.7634,
47.2500

Harmonies

Analogous

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



35.2898, 37.4278, 53.6530



37.4070, 37.4278, 52.2664



39.0907, 37.4278, 47.6882

Triad

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



37.4070, 37.4278, 52.2664



37.9198, 37.4278, 31.7536



31.6310, 37.4278, 39.9417

Complementary

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



37.4070, 37.4278, 52.2664



44.0603, 48.3405, 41.1926

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.



32.2748, 37.4278, 34.5242



37.4070, 37.4278, 52.2664



35.8598, 37.4278, 30.1058

Square

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



37.4070, 37.4278, 52.2664



39.3950, 37.4278, 35.8055



33.8019, 37.4278, 31.0674



32.0084, 37.4278, 46.1354

Rectangle

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



37.4070, 37.4278, 52.2664



39.7114, 37.4278, 43.6611



33.8019, 37.4278, 31.0674



31.7344, 37.4278, 37.9760

Sweetspot

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



37.4081, 37.4294, 52.2672



78.9196, 81.9003, 95.8502



41.0289, 45.5858, 53.6508



17.1534, 17.7534, 21.0652



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.4081, 37.4294, 52.2672



63.5879, 62.7995, 92.9715



40.1177, 38.8262, 52.3940



9.1200, 9.2787, 11.9825



6.4480, 2.6101, 32.5569



0.2880, 0.1205, 1.2769

Inverse Universe

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



42.0668, 39.8677, 50.8271



73.5498, 68.0148, 89.8338



41.2150, 46.8737, 41.0594



9.8794, 9.6760, 11.7537



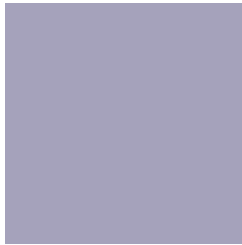
18.7905, 9.1474, 25.2543



0.7501, 0.3639, 1.0634

Previews

White Background



This preview shows how the XYZ color 37.4070, 37.4278, 52.2664 looks on a white background.

Color Contrast Check

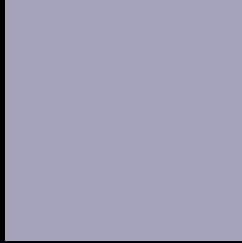
Large Text (above 18pt) WCAG AA × Fail

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 37.4070, 37.4278, 52.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

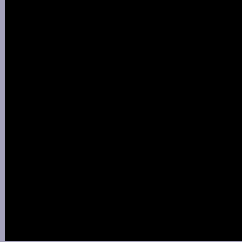
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4070, 37.4278, 52.2664

Background



This preview shows how black text looks on a background with the XYZ color 37.4070, 37.4278, 52.2664.



This preview shows how white text looks on a background with the XYZ color 37.4070, 37.4278,

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

37.4070, 37.4278, 52.2664

Protanopia

36.8722, 37.4023, 52.8529

Deuteranopia

38.1180, 37.2755, 52.1996



Tritanopia

36.3155, 37.5118, 46.9214

Trichromacy



Original Color

37.4070, 37.4278, 52.2664

Protanomaly

37.0746, 37.5066, 52.8624

Deuteranomaly

37.8630, 37.4024, 52.2375

Tritanomaly

36.7475, 37.4231, 49.0026

Monochromacy



Original Color

37.4070, 37.4278, 52.2664

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8210, 38.0733, 45.4526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4070, 37.4278, 52.2664 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(165, 162, 187) looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 187)  
}
```

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(165, 162, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.4070, 37.4278, 52.2664 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(165, 162, 187) }
```


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

```
.border{ border-color:rgb(165, 162, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 187);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4070, 37.4278, 52.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 187) }
```

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

```
.background{ background-color: rgb(165,  
162, 187) }
```

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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