

Converting Colors

XYZ(37.4375, 37.7567, 51.5255)

Have a look what the booklet for
XYZ(37.4375, 37.7567, 51.5255)
contains.

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Color

**XYZ(37.4772, 37.7389,
51.7634)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A5A3BA |
| RGB | 165, 163, 186 |
| RGB Percent | 65%, 64%, 73% |
| CMY | 0.3529, 0.3608, 0.2706 |
| CMYK | 0.11, 0.12, 0.00, 0.27 |
| HSL | 245°, 14%, 68% |
| HSV | 245°, 12%, 73% |
| XYZ | 37.4772, 37.7389, 51.7634 |
| YIQ | 166.2200, -6.1910, 7.5770 |

Conversions

Conversions Part 2

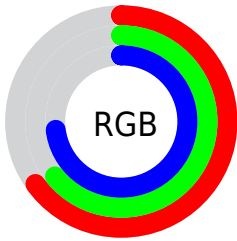
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 165, 163, 186 |
| Decimal | 10855354 |
| CIE Lab | 67.83, 5.32, -11.56 |
| CIE LCh | 68, 12.727, 294.703 |
| Yxy | 37.7389, 0.2951, 0.2972 |
| Android (android.graphics.Color) | 4289045434 (0xFFA5A3BA) |
| YUV | 166.2200, 9.7515, -1.0699 |
| Hunter-Lab | 61.4320, 1.3897, -6.9561 |

Details

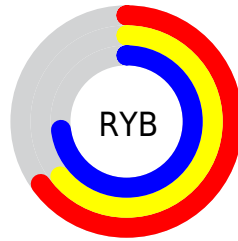
The XYZ color **37.4772, 37.7389, 51.7634** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9382, 47.9534, 41.5923**, and the grayscale version is **36.3093, 38.2002, 41.6000**.

A 20% lighter version of the original color is **70.6136, 71.7693, 94.1355**, and **16.7281, 16.5730, 24.5076** is the 20% darker color. If you saturate the color by 10%, you get **31.1135, 29.9118, 50.5886**, and if you desaturate by 10%, it is **44.7981, 46.7825, 53.1237**.

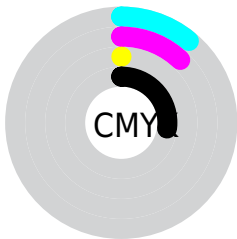
Distribution



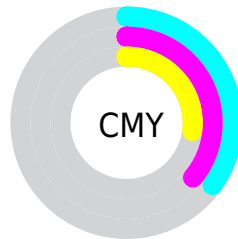
- Red (65%)
- Green (64%)
- Blue (73%)



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



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4772, 37.7389, 51.7634 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 37.4772, 37.7389, 51.7634 by changing the saturation by 10% instead.

■ 37.4772, 37.7389,
51.7634

■ 37.4772, 37.7389,
51.7634

326.6917,
336.4986, 410.4534

■ 25.7525, 25.7801,
36.4356

■ 70.6152, 71.7078,
94.2052

■ 16.7703, 16.6592,
24.4784

■ 92.7592, 94.4866,
122.1563

■ 10.1652, 9.9918,
15.4734

119.1071,
121.6410, 155.1523

■ 5.5717, 5.3935,
9.0020

150.0242,
153.5552, 193.6116

■ 2.6246, 2.4800,
4.6457

185.8759,
190.6136, 237.9528

■ 0.9585, 0.8666,
1.9858

227.0274,

■ 0.0000, 0.0000,

233.2008, 288.5945

0.5465

273.8443,
281.7010, 345.9552

■ 0.0000, 0.0000,
0.0000

■ 37.4772, 37.7389,
51.7634

■ 37.4772, 37.7389,
51.7634

■ 31.1135, 29.9118,
50.5886

■ 44.7981, 46.7825,
53.1237

■ 25.6641, 23.2447,
49.5890

■ 53.1098, 57.0863,
54.6745

■ 21.0879, 17.6838,
48.7568

■ 62.4488, 68.6980,
56.4236

■ 17.3392, 13.1691,
48.0829

■ 72.8485, 81.6611,
58.3776

■ 14.3685, 9.6350,
47.5573

■ 84.0195, 95.3748,
60.4358

■ 12.1207, 7.0082,
47.1688

■ 85.8630, 96.3252,
60.5221

■ 10.5333, 5.2055,
46.9045

■ 9.5332, 4.1279,
46.7492

■ 9.0795, 3.6568,
46.6822

Harmonies

Analogous

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



35.5209, 37.7389, 52.8759



37.4772, 37.7389, 51.7634



39.0531, 37.7389, 47.6883

Triad

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



37.4772, 37.7389, 51.7634



38.1048, 37.7389, 32.8528



32.2263, 37.7389, 40.0972

Complementary

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



37.4772, 37.7389, 51.7634



43.9382, 47.9534, 41.5923

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.



32.8641, 37.7389, 35.1325



37.4772, 37.7389, 51.7634



36.2208, 37.7389, 31.2022

Square

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



37.4772, 37.7389, 51.7634



39.4246, 37.7389, 36.7195



34.3088, 37.7389, 31.9971



32.5351, 37.7389, 45.7969

Rectangle

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



37.4772, 37.7389, 51.7634



39.6515, 37.7389, 44.0223



34.3088, 37.7389, 31.9971



32.3364, 37.7389, 38.2933

Sweetspot

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



37.4783, 37.7405, 51.7642



78.8147, 81.8462, 95.8453



41.1261, 45.6483, 53.0983



17.1263, 17.7394, 21.0640



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.



37.4783, 37.7405, 51.7642



64.4290, 64.0918, 93.1766



39.9602, 39.0200, 51.8804



8.5915, 8.7558, 11.3166



6.1364, 2.4746, 31.4073



0.2407, 0.0998, 1.1083

Inverse Universe

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



41.9998, 40.0958, 50.8746



74.3478, 69.2595, 91.1832



41.3125, 46.5998, 41.4694



9.3464, 9.1489, 11.1714



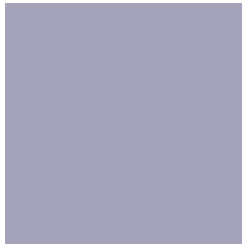
18.5085, 8.9772, 26.3624



0.6624, 0.3204, 0.9817

Previews

White Background



This preview shows how the XYZ color 37.4772, 37.7389, 51.7634 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 37.4772, 37.7389, 51.7634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

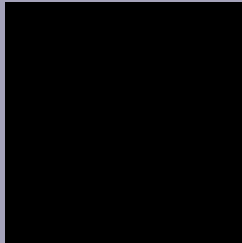
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4772, 37.7389, 51.7634

Background



This preview shows how black text looks on a background with the XYZ color 37.4772, 37.7389, 51.7634.



This preview shows how white text looks on a background with the XYZ color 37.4772, 37.7389,

51.7634.

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

37.4772, 37.7389, 51.7634

Protanopia

37.1454, 37.8202, 52.3560

Deuteranopia

38.4024, 37.6928, 51.7058



Tritanopia

36.5211, 37.6178, 46.9311

Trichromacy



Original Color

37.4772, 37.7389, 51.7634

Protanomaly

37.3494, 37.9253, 52.3655

Deuteranomaly

38.1454, 37.8208, 51.7440

Tritanomaly

36.8235, 37.7387, 48.5235

Monochromacy



Original Color

37.4772, 37.7389, 51.7634

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7238, 38.0344, 44.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4772, 37.7389, 51.7634 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, 163, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 163, 186)  
}
```

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, 163, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 163, 186) }
```

Border

The CSS property to change the border of an element to XYZ 37.4772, 37.7389, 51.7634 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, 163, 186) }
```


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

```
.border{ border-color:rgb(165, 163, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 163, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 163, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 163, 186);  
box-shadow:4px 4px 4px 4px rgb(165, 163,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4772, 37.7389, 51.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 163, 186) }
```

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

```
.background{ background-color: rgb(165,  
163, 186) }
```

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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