

Converting Colors

XYZ(37.1310, 37.2534, 44.9720)

Have a look what the booklet for
XYZ(37.1310, 37.2534, 44.9720)
contains.

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Color

**XYZ(37.0823, 37.1648,
44.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA1AD
RGB	171, 161, 173
RGB Percent	67%, 63%, 68%
CMY	0.3294, 0.3686, 0.3216
CMYK	0.01, 0.07, 0.00, 0.32
HSL	290°, 7%, 65%
HSV	290°, 7%, 68%
XYZ	37.0823, 37.1648, 44.7542
YIQ	165.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

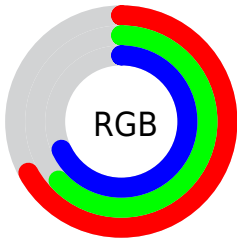
Format	Color
RYB	171, 161, 173
Decimal	11248045
CIELab	67.40, 5.87, -4.91
CIElCh	67, 7.651, 320.083
Yxy	37.1648, 0.3116, 0.3123
Android (android.graphics.Color)	4289438125 (0xFFABA1AD)
YUV	165.3580, 3.7675, 4.9480
Hunter-Lab	60.9629, 1.8921, -0.8520

Details

The XYZ color **37.0823, 37.1648, 44.7542** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4822, 40.2478, 39.5659**, and the grayscale version is **35.9187, 37.7893, 41.1525**.

A 20% lighter version of the original color is **69.9235, 70.8819, 83.3950**, and **16.6349, 16.4543, 20.3884** is the 20% darker color. If you saturate the color by 10%, you get **33.6449, 31.2119, 43.7869**, and if you desaturate by 10%, it is **40.9538, 43.9646, 45.8632**.

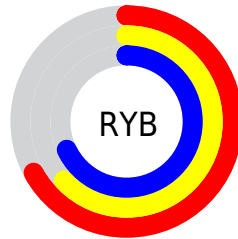
Distribution



Red (67%)

Green (63%)

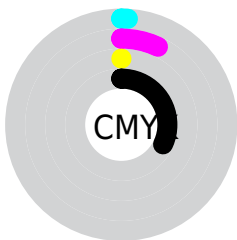
Blue (68%)



Red (67%)

Yellow (63%)

Blue (68%)

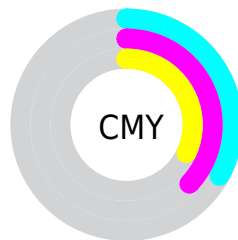


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0823, 37.1648, 44.7542 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 37.0823, 37.1648, 44.7542 by changing the saturation by 10% instead.

■ 37.0823, 37.1648,
44.7542

■ 37.0823, 37.1648,
44.7542

325.0160,
334.0235, 381.9082

■ 25.4452, 25.3351,
30.9223

■ 70.0124, 70.8262,
83.6660

■ 16.5395, 16.3269,
20.2817

■ 92.0360, 93.4267,
109.5830

■ 10.0000, 9.7558,
12.4139

118.2525,
120.3862, 140.3654

■ 5.4612, 5.2373,
6.9003

149.0273,
152.0892, 176.4318

■ 2.5579, 2.3872,
3.3223

184.7257,
188.9200, 218.2008

■ 0.9245, 0.8193,
1.2615

225.7131,

■ 0.0000, 0.0000,

231.2631, 266.0908

0.0299

272.3547,
279.5027, 320.5204

■ 0.0000, 0.0000,
0.0000

■ 37.0823, 37.1648,
44.7542

■ 37.0823, 37.1648,
44.7542

■ 33.6449, 31.2119,
43.7869

■ 40.9538, 43.9646,
45.8632

■ 30.6213, 26.0668,
42.9532

■ 45.2725, 51.6387,
47.1168

■ 27.9942, 21.6947,
42.2477

■ 50.0546, 60.2192,
48.5210

■ 25.7439, 18.0562,
41.6640

■ 55.3149, 69.7351,
50.0805

■ 23.8489, 15.1085,
41.1949

■ 61.0671, 80.2143,
51.8000

■ 22.2854, 12.8042,
40.8326

■ 64.1167, 85.2671,
52.6146

■ 21.0268, 11.0900,
40.5680

■ 64.8358, 85.6378,
52.6482

■ 20.0420, 9.9039,
40.3910

■ 65.5691, 86.0158,
52.6825

■ 19.2861, 9.1565,
40.2866

■ 66.3168, 86.4013,
52.7175

Harmonies

Analogous

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



36.1042, 37.1648, 46.8411



37.0823, 37.1648, 44.7542



37.5927, 37.1648, 41.5889

Triad

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



37.0823, 37.1648, 44.7542



35.7139, 37.1648, 34.4309



33.2478, 37.1648, 42.7250

Complementary

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



37.0823, 37.1648, 44.7542



36.4822, 40.2478, 39.5659

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.



33.1485, 37.1648, 39.3638



37.0823, 37.1648, 44.7542



34.5552, 37.1648, 34.6975

Square

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



37.0823, 37.1648, 44.7542



36.7912, 37.1648, 35.7113



33.6222, 37.1648, 36.4611



33.8964, 37.1648, 45.6253

Rectangle

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



37.0823, 37.1648, 44.7542



37.5915, 37.1648, 39.3458



33.6222, 37.1648, 36.4611



33.1496, 37.1648, 41.6076

Sweetspot

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



37.0834, 37.1664, 44.7550



69.7117, 72.3355, 81.0937



35.3750, 36.8614, 44.7862



15.1669, 15.7500, 17.6284



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.0834, 37.1664, 44.7550



65.6313, 65.1984, 79.9312



37.1598, 37.2477, 42.8666



8.2041, 8.0795, 10.0798



14.0533, 6.6046, 29.5786



0.4252, 0.2014, 0.8244

Inverse Universe

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



36.5906, 37.0200, 39.8691



64.6071, 64.8952, 69.7287



36.4161, 40.1745, 41.3385



8.0577, 8.0363, 8.6146



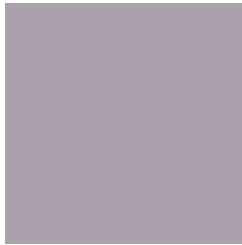
12.8370, 6.5973, 1.5209



0.3732, 0.1900, 0.1268

Previews

White Background



This preview shows how the XYZ color 37.0823, 37.1648, 44.7542 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 37.0823, 37.1648, 44.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

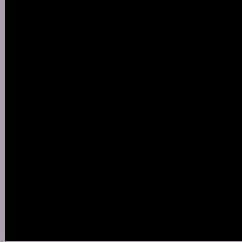
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0823, 37.1648, 44.7542

Background



This preview shows how black text looks on a background with the XYZ color 37.0823, 37.1648, 44.7542.



This preview shows how white text looks on a background with the XYZ color 37.0823, 37.1648,

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

37.0823, 37.1648, 44.7542

Protanopia

36.0470, 37.1429, 45.3138

Deuteranopia

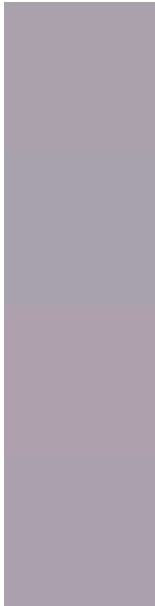
37.8455, 37.0435, 44.6906



Tritanopia

37.1794, 37.2037, 45.2659

Trichromacy



Original Color

37.0823, 37.1648, 44.7542

Protanomaly

36.4967, 37.1121, 45.2842

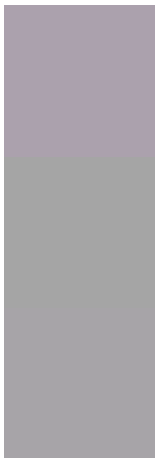
Deuteranomaly

37.5692, 37.1574, 44.7272

Tritanomaly

37.1794, 37.2037, 45.2659

Monochromacy



Original Color

37.0823, 37.1648, 44.7542

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2797, 37.5936, 42.3899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0823, 37.1648, 44.7542 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(171, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 173)  
}
```

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(171, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.0823, 37.1648, 44.7542 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(171, 161, 173) }
```


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

```
.border{ border-color:rgb(171, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(171, 161,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0823, 37.1648, 44.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 173) }
```

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

```
.background{ background-color: rgb(171,  
161, 173) }
```

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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