

Converting Colors

XYZ(37.2534, 38.2143, 41.6720)

Have a look what the booklet for
XYZ(37.2534, 38.2143, 41.6720)
contains.

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Color

**XYZ(37.1717, 38.0747,
41.4664)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA4A6
RGB	172, 164, 166
RGB Percent	67%, 64%, 65%
CMY	0.3255, 0.3568, 0.3490
CMYK	0.00, 0.05, 0.03, 0.33
HSL	345°, 5%, 66%
HSV	345°, 5%, 67%
XYZ	37.1717, 38.0747, 41.4664
YIQ	166.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

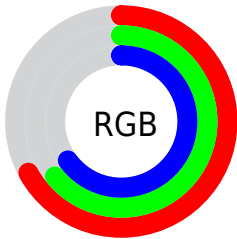
Format	Color
RYB	172, 164, 166
Decimal	11314342
CIELab	68.08, 3.25, -0.01
CIElCh	68, 3.251, 359.804
Yxy	38.0747, 0.3185, 0.3262
Android (android.graphics.Color)	4289504422 (0xFFACA4A6)
YUV	166.6200, -0.3057, 4.7183
Hunter-Lab	61.7047, -0.4525, 3.3496

Details

The XYZ color **37.1717, 38.0747, 41.4664** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3195, 40.3010, 43.8442**, and the grayscale version is **36.5467, 38.4500, 41.8721**.

A 20% lighter version of the original color is **70.0612, 72.2144, 78.6528**, and **16.5772, 16.7963, 18.2879** is the 20% darker color. If you saturate the color by 10%, you get **33.1746, 31.8804, 34.5839**, and if you desaturate by 10%, it is **41.7061, 45.1525, 49.1150**.

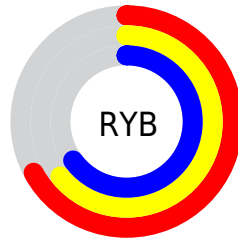
Distribution



Red (67%)

Green (64%)

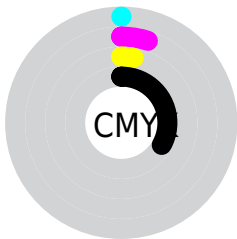
Blue (65%)



Red (67%)

Yellow (64%)

Blue (65%)

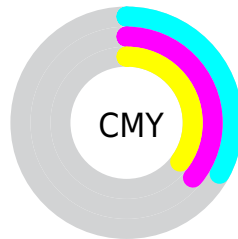


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1717, 38.0747, 41.4664 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 37.1717, 38.0747, 41.4664 by changing the saturation by 10% instead.

■ 37.1717, 38.0747,
41.4664

■ 37.1717, 38.0747,
41.4664

325.3959,
337.9403, 368.0004

■ 25.5147, 26.0407,
28.3613

■ 70.1489, 72.2226,
78.6527

■ 16.5917, 16.8541,
18.3567

■ 92.1999, 95.1053,
103.5710

■ 10.0373, 10.1305,
11.0343

118.4462,
122.3730, 133.2641

■ 5.4862, 5.4856,
5.9755

149.2532,
154.4101, 168.1505

■ 2.5729, 2.5349,
2.7616

184.9864,
191.6009, 208.6488

■ 0.9322, 0.8940,
0.9742

226.0110,

■ 0.0000, 0.0000,

234.3300, 255.1775

0.0000

272.6924,
282.9817, 308.1552

■ 37.1717, 38.0747,
41.4664

■ 37.1717, 38.0747,
41.4664

■ 33.1746, 31.8804,
34.5839

■ 41.7061, 45.1525,
49.1150

■ 29.6914, 26.5299,
28.4411

■ 46.7936, 53.1414,
57.5501

■ 26.7019, 21.9882,
23.0138

■ 52.4533, 62.0741,
66.7943

■ 24.1832, 18.2156,
18.2754

■ 58.7023, 71.9801,
76.8686

■ 22.1107, 15.1690,
14.1977

■ 65.5573, 82.8876,
87.7931

■ 20.4571, 12.8014,
10.7503

■ 69.0161, 86.7878,
98.2481

■ 19.1926, 11.0599,
7.9005

■ 70.8236, 87.5108,
107.7662

■ 18.2826, 9.8838,
5.6123

■ 17.6862, 9.1997,
3.8453

Harmonies

Analogous

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



37.0373, 38.0747, 42.8758



37.1717, 38.0747, 41.4664



37.0407, 38.0747, 40.0857

Triad

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



37.1717, 38.0747, 41.4664



35.7069, 38.0747, 39.0830



35.7012, 38.0747, 43.9151

Complementary

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



37.1717, 38.0747, 41.4664



37.3195, 40.3010, 43.8442

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.



35.3502, 38.0747, 42.8590



37.1717, 38.0747, 41.4664



35.3535, 38.0747, 40.0696

Square

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



37.1717, 38.0747, 41.4664



36.1922, 38.0747, 38.7293



35.2235, 38.0747, 41.4474



36.1855, 38.0747, 44.3096

Rectangle

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



37.1717, 38.0747, 41.4664



36.8212, 38.0747, 39.3623



35.2235, 38.0747, 41.4474



35.5638, 38.0747, 43.6245

Sweetspot

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



37.1728, 38.0764, 41.4672



70.3084, 73.5492, 80.1025



37.3007, 38.0772, 44.4141



15.2895, 15.9994, 17.4249



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.



37.1728, 38.0764, 41.4672



66.3187, 67.3383, 73.3206



37.3516, 38.7249, 40.6298



8.3462, 8.4534, 9.2037



13.0037, 6.6640, 2.3987



0.3836, 0.1941, 0.1818

Inverse Universe

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



37.1728, 38.0764, 41.4672



66.3187, 67.3383, 73.3206



37.1323, 39.6218, 44.7211



8.3462, 8.4534, 9.2037



13.0037, 6.6640, 2.3987



0.3836, 0.1941, 0.1818

Previews

White Background



This preview shows how the XYZ color 37.1717, 38.0747, 41.4664 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 37.1717, 38.0747, 41.4664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

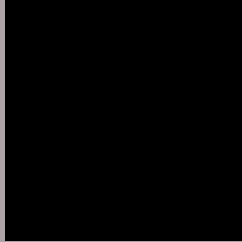
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1717, 38.0747, 41.4664

Background



This preview shows how black text looks on a background with the XYZ color 37.1717, 38.0747, 41.4664.



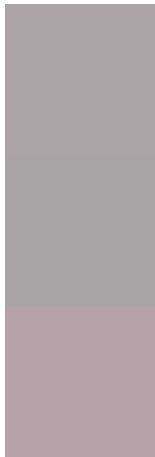
This preview shows how white text looks on a background with the XYZ color 37.1717, 38.0747,

41.4664.

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

37.1717, 38.0747, 41.4664

Protanopia

36.7924, 38.1353, 41.9809

Deuteranopia

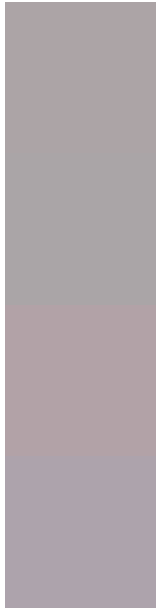
38.7760, 38.1035, 41.8702



Tritanopia

38.0686, 38.1738, 45.9193

Trichromacy



Original Color

37.1717, 38.0747, 41.4664

Protanomaly

37.0077, 38.2463, 41.9910

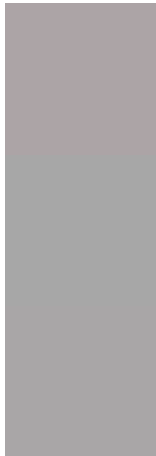
Deuteranomaly

38.2555, 38.0957, 41.8961

Tritanomaly

37.7772, 38.0572, 44.3844

Monochromacy



Original Color

37.1717, 38.0747, 41.4664

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9735, 38.4975, 42.0413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1717, 38.0747, 41.4664 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, 164, 166) looks like.

```
.text, #text, p{  
    color:rgb(172, 164, 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(172, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 164, 166) }
```

Border

The CSS property to change the border of an element to XYZ 37.1717, 38.0747, 41.4664 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, 164, 166) }
```


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

```
.border{ border-color:rgb(172, 164, 166) }
```

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

Here you see how a box with a 4 pixel rgb(172, 164, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(172, 164,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1717, 38.0747, 41.4664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 164, 166) }
```

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

```
.background{ background-color: rgb(172,  
164, 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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