

Converting Colors

XYZ(37.0283, 41.7702, 37.4933)

Have a look what the booklet for
XYZ(37.0283, 41.7702, 37.4933)
contains.

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Color

**XYZ(37.0327, 41.7371,
37.5567)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B19C
RGB	164, 177, 156
RGB Percent	64%, 69%, 61%
CMY	0.3569, 0.3059, 0.3882
CMYK	0.07, 0.00, 0.12, 0.31
HSL	97°, 12%, 65%
HSV	97°, 12%, 69%
XYZ	37.0327, 41.7371, 37.5567
YIQ	170.7190, -1.0070, -9.2870

Conversions

Conversions Part 2

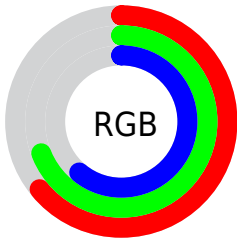
Format	Color
RYB	156, 177, 169
Decimal	10793372
CIELab	70.69, -8.47, 9.20
CIELCh	71, 12.508, 132.628
Yxy	41.7371, 0.3184, 0.3588
Android (android.graphics.Color)	4288983452 (0xFFA4B19C)
YUV	170.7190, -7.2565, -5.8926
Hunter-Lab	64.6043, -10.7370, 10.7556

Details

The XYZ color **37.0327, 41.7371, 37.5567** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1882, 35.3874, 46.5203**, and the grayscale version is **38.6043, 40.6147, 44.2294**.

A 20% lighter version of the original color is **69.9852, 77.9910, 72.3379**, and **16.4395, 18.8800, 16.1423** is the 20% darker color. If you saturate the color by 10%, you get **33.4770, 40.0660, 30.1282**, and if you desaturate by 10%, it is **41.0040, 43.5996, 46.1466**.

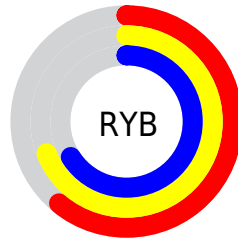
Distribution



Red (64%)

Green (69%)

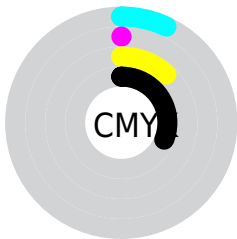
Blue (61%)



Red (61%)

Yellow (69%)

Blue (66%)

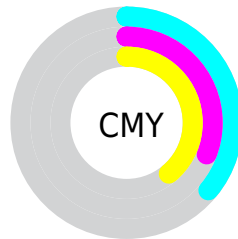


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (36%)

Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0327, 41.7371, 37.5567 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 37.0327, 41.7371, 37.5567 by changing the saturation by 10% instead.

■ 37.0327, 41.7371,
37.5567

■ 37.0327, 41.7371,
37.5567

324.8051,
353.3920, 350.9555

■ 25.4066, 28.8955,
25.3397

■ 69.9366, 77.8016,
72.6240

■ 16.5106, 19.0018,
16.1090

■ 91.9451, 101.7932,
96.3114

■ 9.9793, 11.6716,
9.4461

118.1451,
130.2704, 124.6593

■ 5.4474, 6.5205,
4.9325

148.9019,
163.6174, 158.0862

■ 2.5495, 3.1641,
2.1497

184.5810,
202.2186, 197.0108

■ 0.9203, 1.2180,
0.6451

225.5477,

■ 0.0000, 0.0763,

246.4586, 241.8515

0.0000

272.1673,
296.7215, 293.0269

■ 0.0000, 0.0000,
0.0000

■ 37.0327, 41.7371,
37.5567

■ 37.0327, 41.7371,
37.5567

■ 33.4770, 40.0660,
30.1282

■ 41.0040, 43.5996,
46.1466

■ 30.3193, 38.5748,
23.8087

■ 45.4012, 45.6542,
55.9418

■ 27.5455, 37.2584,
18.5455

■ 50.2382, 47.9083,
66.9876

■ 25.1393, 36.1099,
14.2809

■ 55.5273, 50.3673,
79.3259

■ 23.0832, 35.1215,
10.9516

■ 61.2805, 53.0366,
92.9966

■ 21.3581, 34.2850,
8.4869

■ 66.3272, 55.4483,
101.8145

■ 19.9425, 33.5909,
6.8061

■ 69.9507, 57.3162,
101.9841

■ 18.8117, 33.0288,
5.8135

■ 73.7991, 59.3002,
102.1642

■ 18.0663, 32.6540,
5.3507

■ 75.0130, 59.9260,
102.2210

Harmonies

Analogous

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



38.8053, 41.7371, 35.1962



37.0327, 41.7371, 37.5567



35.9881, 41.7371, 42.1227

Triad

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



37.0327, 41.7371, 37.5567



38.4923, 41.7371, 57.2257



43.6855, 41.7371, 42.9957

Complementary

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



37.0327, 41.7371, 37.5567



36.1882, 35.3874, 46.5203

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.



43.5945, 41.7371, 48.9367



37.0327, 41.7371, 37.5567



40.5472, 41.7371, 57.5112

Square

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



37.0327, 41.7371, 37.5567



36.8105, 41.7371, 53.6172



42.4293, 41.7371, 54.3662



42.6736, 41.7371, 38.1478

Rectangle

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



37.0327, 41.7371, 37.5567



35.8220, 41.7371, 45.9698



42.4293, 41.7371, 54.3662



43.7838, 41.7371, 44.9234

Sweetspot

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



37.0338, 41.7389, 37.5576



71.8022, 77.3180, 79.0720



38.3125, 40.1065, 37.1751



15.4437, 16.7013, 16.8812



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.



37.0338, 41.7389, 37.5576



64.7450, 74.0080, 63.9184



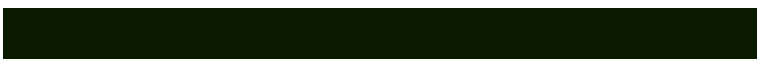
35.6441, 40.9982, 38.5868



8.6847, 9.6426, 9.0560



13.1521, 23.6902, 3.8795



0.4800, 0.7795, 0.1252

Inverse Universe

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



36.1882, 35.3874, 46.5203



62.9566, 60.5779, 82.8698



37.7152, 36.2026, 45.3281



8.5302, 8.4819, 10.6939



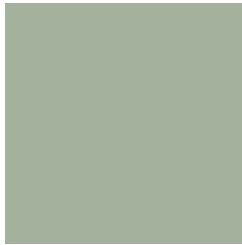
10.4408, 4.7182, 30.4974



0.3910, 0.1807, 0.9625

Previews

White Background



This preview shows how the XYZ color 37.0327, 41.7371, 37.5567 looks on a white background.

Color Contrast Check

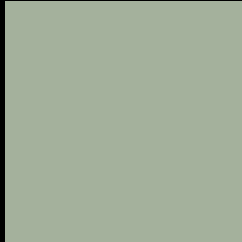
Large Text (above 18pt) WCAG AA × Fail

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 37.0327, 41.7371, 37.5567 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

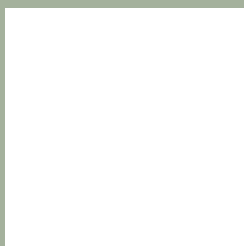
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0327, 41.7371, 37.5567

Background



This preview shows how black text looks on a background with the XYZ color 37.0327, 41.7371, 37.5567.



This preview shows how white text looks on a background with the XYZ color 37.0327, 41.7371,

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

37.0327, 41.7371, 37.5567

Protanopia

39.4076, 41.5414, 36.5131

Deuteranopia

42.4959, 41.7082, 38.1585



Tritanopia

40.1687, 41.8673, 52.4185

Trichromacy



Original Color

37.0327, 41.7371, 37.5567

Protanomaly

38.5080, 41.6373, 37.0176

Deuteranomaly

40.4159, 41.7505, 37.8268

Tritanomaly

38.8103, 41.5827, 46.5382

Monochromacy



Original Color

37.0327, 41.7371, 37.5567

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.9750, 40.9651, 41.9820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0327, 41.7371, 37.5567 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(164, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(164, 177, 156)  
}
```

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(164, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 177, 156) }
```

Border

The CSS property to change the border of an element to XYZ 37.0327, 41.7371, 37.5567 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(164, 177, 156) }
```


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

```
.border{ border-color:rgb(164, 177, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 177, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(164, 177,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0327, 41.7371, 37.5567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 177, 156) }
```

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

```
.background{ background-color: rgb(164,  
177, 156) }
```

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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