

Converting Colors

XYZ(37.1667, 42.8242, 40.8398)

Have a look what the booklet for
XYZ(37.1667, 42.8242, 40.8398)
contains.

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Color

**XYZ(37.2353, 42.9612,
40.9802)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB5A3
RGB	158, 181, 163
RGB Percent	62%, 71%, 64%
CMY	0.3804, 0.2902, 0.3608
CMYK	0.13, 0.00, 0.10, 0.29
HSL	133°, 13%, 66%
HSV	133°, 13%, 71%
XYZ	37.2353, 42.9612, 40.9802
YIQ	172.0710, -7.9300, -10.4740

Conversions

Conversions Part 2

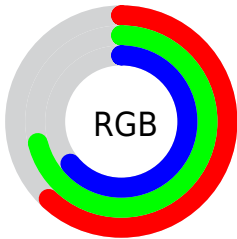
Format	Color
RYB	158, 177, 181
Decimal	10401187
CIELab	71.53, -11.42, 6.51
CIELCh	72, 13.149, 150.318
Yxy	42.9612, 0.3073, 0.3545
Android (android.graphics.Color)	4288591267 (0xFF9EB5A3)
YUV	172.0710, -4.4720, -12.3403
Hunter-Lab	65.5448, -13.2994, 8.8118

Details

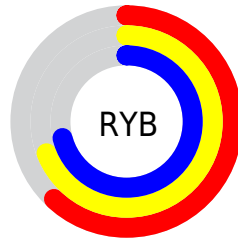
The XYZ color **37.2353, 42.9612, 40.9802** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.1209, 37.4131, 46.2358**, and the grayscale version is **39.2744, 41.3197, 44.9972**.

A 20% lighter version of the original color is **70.3796, 79.7765, 78.0187**, and **16.5323, 19.6502, 17.9605** is the 20% darker color. If you saturate the color by 10%, you get **32.7349, 40.7809, 34.5112**, and if you desaturate by 10%, it is **42.4047, 45.4724, 48.2245**.

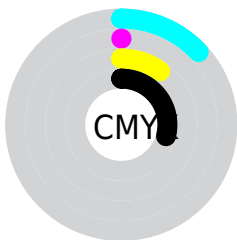
Distribution



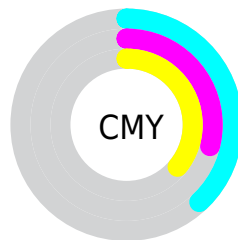
- Red (62%)
- Green (71%)
- Blue (64%)



- Red (62%)
- Yellow (69%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2353, 42.9612, 40.9802 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 37.2353, 42.9612, 40.9802 by changing the saturation by 10% instead.


 37.2353, 42.9612,
40.9802


 37.2353, 42.9612,
40.9802


325.6660,
358.4522, 365.9120

 25.5642, 29.8547,
27.9840


 70.2460, 79.6523,
77.9072

 16.6289, 19.7283,
18.0747


 92.3164, 104.0057,
102.6751

 10.0639, 12.1977,
10.8336


118.5839,
132.8768, 132.2039

 5.5039, 6.8785,
5.8423

149.4139,
166.6500, 166.9123

 2.5836, 3.3862,
2.6822

185.1717,
205.7098, 207.2188

 0.9376, 1.3365,
0.9344

226.2228,

 0.0000, 0.1692,

250.4405, 253.5419

0.0000

272.9324,
301.2265, 306.3001

■ 0.0000, 0.0000,
0.0000

■ 37.2353, 42.9612,
40.9802

■ 37.2353, 42.9612,
40.9802

■ 32.7349, 40.7809,
34.5112

■ 42.4047, 45.4724,
48.2245

■ 28.8725, 38.9124,
28.7891

■ 48.2654, 48.3218,
56.2658

■ 25.6197, 37.3429,
23.7877

■ 54.8431, 51.5234,
65.1284

■ 22.9448, 36.0565,
19.4783

■ 62.1612, 55.0887,
74.8345

■ 20.8131, 35.0361,
15.8304

■ 70.2417, 59.0288,
85.4059

■ 19.1860, 34.2625,
12.8111

■ 74.7074, 61.0865,
96.6574

■ 18.0197, 33.7137,
10.3844

■ 75.8147, 61.5294,
102.4882

■ 17.2623, 33.3640,
8.5110

■ 16.8967, 33.1982,
7.4670

Harmonies

Analogous

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



38.7158, 42.9612, 36.9964



37.2353, 42.9612, 40.9802



36.7111, 42.9612, 46.8454

Triad

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



37.2353, 42.9612, 40.9802



40.8570, 42.9612, 60.1008



44.6308, 42.9612, 40.8726

Complementary

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



37.2353, 42.9612, 40.9802



39.1209, 37.4131, 46.2358

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.



45.2532, 42.9612, 46.7096



37.2353, 42.9612, 40.9802



43.0267, 42.9612, 58.1462

Square

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



37.2353, 42.9612, 40.9802



38.7555, 42.9612, 58.2248



44.6560, 42.9612, 53.0972



42.9842, 42.9612, 36.9384

Rectangle

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



37.2353, 42.9612, 40.9802



36.9590, 42.9612, 51.1529



44.6560, 42.9612, 53.0972



44.9694, 42.9612, 42.6589

Sweetspot

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



37.2365, 42.9630, 40.9811



74.6131, 80.7903, 84.5199



40.6054, 44.7505, 38.8459



15.9710, 17.3861, 18.0514



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.2365, 42.9630, 40.9811



64.5258, 75.8940, 70.3177



38.3130, 43.3936, 46.6501



8.4621, 9.5193, 9.4270



11.6694, 22.8937, 5.2618



0.3888, 0.7290, 0.2794

Inverse Universe

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



39.1209, 37.4131, 46.2358



68.5052, 64.1733, 81.4133



38.0319, 36.9775, 40.5009



8.7694, 8.6145, 10.2839



16.5114, 8.1221, 18.3847



0.5392, 0.2634, 0.6822

Previews

White Background



This preview shows how the XYZ color 37.2353, 42.9612, 40.9802 looks on a white background.

Color Contrast Check

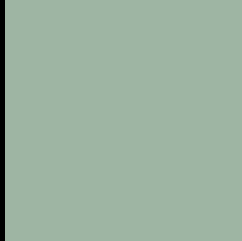
Large Text (above 18pt) WCAG AA × Fail

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 37.2353, 42.9612, 40.9802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

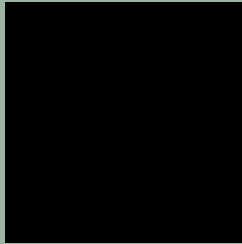
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2353, 42.9612, 40.9802

Background



This preview shows how black text looks on a background with the XYZ color 37.2353, 42.9612, 40.9802.



This preview shows how white text looks on a background with the XYZ color 37.2353, 42.9612,

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

37.2353, 42.9612, 40.9802

Protanopia

40.6855, 42.7204, 38.9024

Deuteranopia

43.4852, 42.6946, 41.5463



Tritanopia

40.2304, 42.9924, 55.4682

Trichromacy



Original Color

37.2353, 42.9612, 40.9802

Protanomaly

39.3009, 42.8666, 39.4604

Deuteranomaly

40.9358, 42.5126, 41.1702

Tritanomaly

38.9588, 42.7541, 49.9151

Monochromacy



Original Color

37.2353, 42.9612, 40.9802

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.4278, 41.7400, 43.5674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2353, 42.9612, 40.9802 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(158, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 181, 163)  
}
```

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(158, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 181, 163) }
```

Border

The CSS property to change the border of an element to XYZ 37.2353, 42.9612, 40.9802 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(158, 181, 163) }
```


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

```
.border{ border-color:rgb(158, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(158, 181,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2353, 42.9612, 40.9802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 181, 163) }
```

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

```
.background{ background-color: rgb(158,  
181, 163) }
```

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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