

Converting Colors

XYZ(33.3081, 38.0358, 44.2943)

Have a look what the booklet for
XYZ(33.3081, 38.0358, 44.2943)
contains.

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Color

**XYZ(33.2413, 37.9057,
44.0926)**

Conversions

Conversions Part 1

Format	Color
Hex	8FABAB
RGB	143, 171, 171
RGB Percent	56%, 67%, 67%
CMY	0.4392, 0.3294, 0.3294
CMYK	0.16, 0.00, 0.00, 0.33
HSL	180°, 14%, 62%
HSV	180°, 16%, 67%
XYZ	33.2413, 37.9057, 44.0926
YIQ	162.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

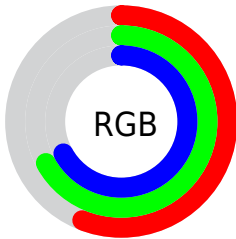
Format	Color
RYB	143, 157, 171
Decimal	9415595
CIELab	67.95, -9.58, -3.22
CIELCh	68, 10.110, 198.596
Yxy	37.9057, 0.2885, 0.3289
Android (android.graphics.Color)	4287605675 (0xFF8FABAB)
YUV	162.6280, 4.1274, -17.2138
Hunter-Lab	61.5676, -11.3684, 0.6359

Details

The XYZ color **33.2413, 37.9057, 44.0926** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5763, 30.2871, 30.1700**, and the grayscale version is **34.6251, 36.4283, 39.6704**.

A 20% lighter version of the original color is **63.9498, 71.7540, 82.4309**, and **14.3402, 16.8009, 19.9398** is the 20% darker color. If you saturate the color by 10%, you get **30.5039, 36.4955, 43.9646**, and if you desaturate by 10%, it is **36.4322, 39.5516, 44.2434**.

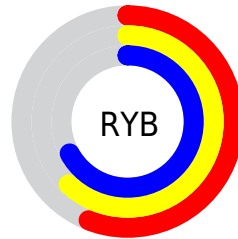
Distribution



Red (56%)

Green (67%)

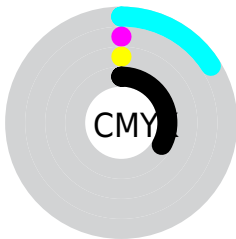
Blue (67%)



Red (56%)

Yellow (62%)

Blue (67%)

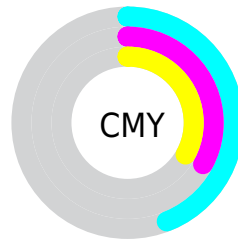


Cyan (16%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2413, 37.9057, 44.0926 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 33.2413, 37.9057, 44.0926 by changing the saturation by 10% instead.

■ 33.2413, 37.9057,
44.0926

■ 33.2413, 37.9057,
44.0926

308.3814,
337.2153, 379.1384

■ 22.4715, 25.9095,
30.4056

■ 64.1042, 71.9636,
82.6610

■ 14.3223, 16.7560,
19.8920

■ 84.9281, 94.7941,
108.3795

■ 8.4284, 10.0606,
12.1333

109.8339,
122.0047, 138.9456

■ 4.4243, 5.4392,
6.7109

139.1872,
153.9801, 174.7778

■ 1.9449, 2.5072,
3.2062

173.3532,
191.1044, 216.2946

■ 0.6027, 0.8802,
1.2009

212.6974,

■ 0.0000, 0.0000,

233.7621, 263.9146

0.0000

257.5850,
282.3376, 318.0564

■ 33.2413, 37.9057,
44.0926

■ 33.2413, 37.9057,
44.0926

■ 30.5039, 36.4955,
43.9646

■ 36.4322, 39.5516,
44.2434

■ 28.1964, 35.3060,
43.8559

■ 40.0923, 41.4385,
44.4154

■ 26.2978, 34.3272,
43.7664

■ 44.2407, 43.5771,
44.6102

■ 24.7843, 33.5470,
43.6949

■ 48.8946, 45.9762,
44.8287

■ 23.6297, 32.9518,
43.6401

■ 54.0700, 48.6442,
45.0716

■ 22.8043, 32.5263,
43.6008

■ 59.7824, 51.5891,
45.3397

■ 22.2737, 32.2528,
43.5753

■ 63.1553, 53.3278,
45.4982

■ 21.9909, 32.1070,
43.5614

■ 63.1554, 53.3279,
45.4989

■ 21.9133, 32.0670,
43.5575

■ 63.1556, 53.3279,
45.4996

Harmonies

Analogous

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



33.1485, 37.9057, 39.5864



33.2413, 37.9057, 44.0926



34.0678, 37.9057, 48.1053

Triad

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



33.2413, 37.9057, 44.0926



38.3410, 37.9057, 47.2608



36.6286, 37.9057, 33.3626

Complementary

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



33.2413, 37.9057, 44.0926



31.5763, 30.2871, 30.1700

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.



38.0625, 37.9057, 35.1200



33.2413, 37.9057, 44.0926



39.0701, 37.9057, 43.0066

Square

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



33.2413, 37.9057, 44.0926



36.9998, 37.9057, 50.0241



38.9667, 37.9057, 38.5760



35.0738, 37.9057, 33.6068

Rectangle

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



33.2413, 37.9057, 44.0926



34.9374, 37.9057, 49.8596



38.9667, 37.9057, 38.5760



37.1415, 37.9057, 33.7334

Sweetspot

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



33.2424, 37.9073, 44.0935



66.0406, 71.2418, 79.2716



30.9306, 36.9919, 31.4973



14.6328, 15.8385, 17.6734



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.



33.2424, 37.9073, 44.0935



57.4867, 66.8322, 78.8694



30.8156, 33.0533, 43.2856



8.2363, 9.0721, 10.2695



16.5186, 24.1727, 32.8345



0.4595, 0.6725, 0.9135

Inverse Universe

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



31.5763, 30.2871, 30.1700



53.8795, 50.3338, 48.7238



33.7320, 34.5988, 30.8877



8.0053, 8.0154, 8.3387



12.6607, 6.5268, 0.5929



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 33.2413, 37.9057, 44.0926 looks on a white background.

Color Contrast Check

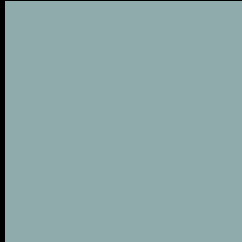
Large Text (above 18pt) WCAG AA × Fail

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 33.2413, 37.9057, 44.0926 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

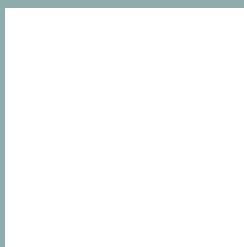
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.2413, 37.9057, 44.0926

Background



This preview shows how black text looks on a background with the XYZ color 33.2413, 37.9057, 44.0926.

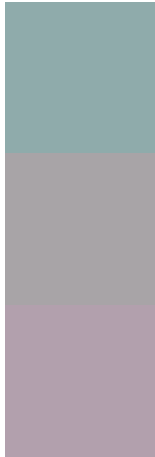


This preview shows how white text looks on a background with the XYZ color 33.2413, 37.9057,

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

33.2413, 37.9057, 44.0926

Protanopia

36.3990, 37.6658, 41.9110

Deuteranopia

38.4737, 37.6237, 44.7695



Tritanopia

34.4123, 37.8146, 50.2850

Trichromacy



Original Color

33.2413, 37.9057, 44.0926

Protanomaly

35.1847, 37.8355, 42.4943

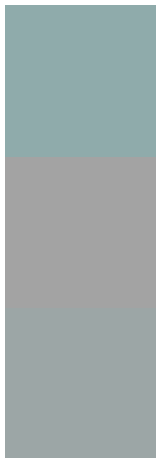
Deuteranomaly

36.2389, 37.5288, 44.3635

Tritanomaly

34.0130, 37.9334, 48.1770

Monochromacy



Original Color

33.2413, 37.9057, 44.0926

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.2295, 37.0935, 41.4321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2413, 37.9057, 44.0926 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(143, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(143, 171, 171)  
}
```

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(143, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.2413, 37.9057, 44.0926 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(143, 171, 171) }
```


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

```
.border{ border-color:rgb(143, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(143, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2413, 37.9057, 44.0926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 171, 171) }
```

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

```
.background{ background-color: rgb(143,  
171, 171) }
```

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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