

Converting Colors

XYZ(33.4249, 33.7206, 34.6039)

Have a look what the booklet for
XYZ(33.4249, 33.7206, 34.6039)
contains.

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Color

**XYZ(33.3715, 33.7030,
34.4522)**

Conversions

Conversions Part 1

Format	Color
Hex	A89A98
RGB	168, 154, 152
RGB Percent	66%, 60%, 60%
CMY	0.3412, 0.3961, 0.4039
CMYK	0.00, 0.08, 0.10, 0.34
HSL	8°, 8%, 63%
HSV	8°, 10%, 66%
XYZ	33.3715, 33.7030, 34.4522
YIQ	157.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

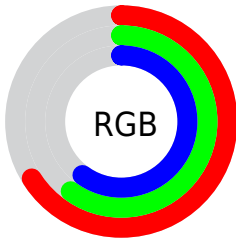
Format	Color
RYB	168, 154, 152
Decimal	11049624
CIELab	64.73, 4.78, 2.90
CIELCh	65, 5.588, 31.236
Yxy	33.7030, 0.3287, 0.3320
Android (android.graphics.Color)	4289239704 (0xFFA89A98)
YUV	157.9580, -2.9373, 8.8068
Hunter-Lab	58.0543, 1.0126, 5.4525

Details

The XYZ color **33.3715, 33.7030, 34.4522** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6528, 36.7742, 42.3705**, and the grayscale version is **32.4911, 34.1832, 37.2255**.

A 20% lighter version of the original color is **64.1279, 65.2560, 67.6083**, and **14.4017, 14.3531, 14.3233** is the 20% darker color. If you saturate the color by 10%, you get **29.8131, 28.6342, 26.9516**, and if you desaturate by 10%, it is **37.4237, 39.4468, 43.0799**.

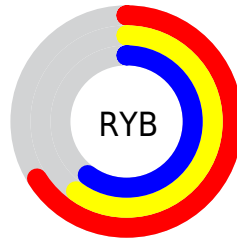
Distribution



Red (66%)

Green (60%)

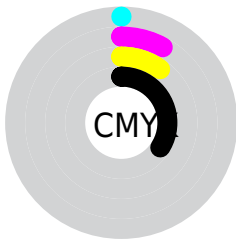
Blue (60%)



Red (66%)

Yellow (60%)

Blue (60%)

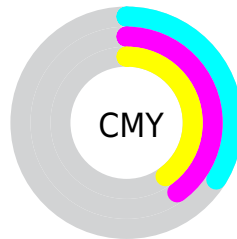


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3715, 33.7030, 34.4522 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 33.3715, 33.7030, 34.4522 by changing the saturation by 10% instead.

■ 33.3715, 33.7030,
34.4522

■ 33.3715, 33.7030,
34.4522

308.9559,
318.8057, 336.9742

■ 22.5718, 22.6655,
22.9610

■ 64.3059, 65.4715,
67.7782

■ 14.3966, 14.3467,
14.3597

■ 85.1713, 86.9714,
90.4501

■ 8.4806, 8.3622,
8.2297

110.1226,
112.7275, 117.6860

■ 4.4583, 4.3276,
4.1524

139.5253,
143.1243, 149.9044

■ 1.9646, 1.8584,
1.7093

173.7446,
178.5461, 187.5239

■ 0.6139, 0.5232,
0.3671

213.1459,

■ 0.0000, 0.0000,

219.3773, 230.9630

0.0000

258.0945,
266.0024, 280.6403

■ 33.3715, 33.7030,
34.4522

■ 33.3715, 33.7030,
34.4522

■ 29.8131, 28.6342,
26.9516

■ 37.4237, 39.4468,
43.0799

■ 26.7269, 24.2112,
20.5293

■ 41.9848, 45.8844,
52.8761

■ 24.0937, 20.4095,
15.1364

■ 47.0725, 53.0396,
63.8832

■ 21.8921, 17.2011,
10.7192

■ 52.7031, 60.9336,
76.1405

■ 20.0989, 14.5560,
7.2192

■ 58.8919, 69.5867,
89.6856

■ 18.6885, 12.4415,
4.5717

■ 65.6538, 79.0186,
104.5545

■ 17.6325, 10.8214,
2.7033

■ 69.9586, 87.0649,
107.7257

■ 16.8985, 9.6552,
1.5283

■ 16.4348, 8.8903,
0.8728

Harmonies

Analogous

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



33.6016, 33.7030, 36.6016



33.3715, 33.7030, 34.4522



32.7821, 33.7030, 32.9570

Triad

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



33.3715, 33.7030, 34.4522



30.6998, 33.7030, 34.6107



32.0670, 33.7030, 41.2955

Complementary

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



33.3715, 33.7030, 34.4522



33.6528, 36.7742, 42.3705

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.



31.2968, 33.7030, 40.7094



33.3715, 33.7030, 34.4522



30.5154, 33.7030, 36.7922

Square

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



33.3715, 33.7030, 34.4522



31.2400, 33.7030, 33.0458



30.7321, 33.7030, 39.0369



32.8407, 33.7030, 40.6073

Rectangle

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



33.3715, 33.7030, 34.4522



32.2694, 33.7030, 32.4995



30.7321, 33.7030, 39.0369



31.7991, 33.7030, 41.2408

Sweetspot

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



33.3724, 33.7045, 34.4529



65.2101, 67.7595, 72.4072



34.2722, 33.5398, 40.8084



14.0851, 14.5875, 15.5092



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.3724, 33.7045, 34.4529



59.4133, 59.5331, 60.0944



34.7132, 36.3859, 34.8998



7.6040, 7.6881, 7.8724



12.4194, 6.7361, 0.6456



0.3244, 0.2084, 0.0231

Inverse Universe

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



33.6528, 36.7742, 42.3705



60.0048, 66.0113, 76.8040



32.2668, 34.0022, 41.9085



7.6662, 8.3694, 9.6297



13.2383, 17.9368, 30.7399



0.3437, 0.4796, 0.7551

Previews

White Background



This preview shows how the XYZ color 33.3715, 33.7030, 34.4522 looks on a white background.

Color Contrast Check

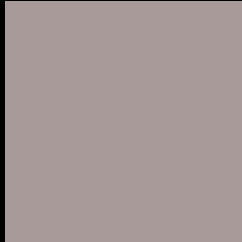
Large Text (above 18pt) WCAG AA × Fail

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 33.3715, 33.7030, 34.4522 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 33.3715, 33.7030, 34.4522

Background



This preview shows how black text looks on a background with the XYZ color 33.3715, 33.7030, 34.4522.



This preview shows how white text looks on a background with the XYZ color 33.3715, 33.7030,

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

33.3715, 33.7030, 34.4522

Protanopia

32.3362, 33.6539, 34.9285

Deuteranopia

34.3513, 33.7221, 34.4043



Tritanopia

34.5066, 33.6829, 39.8047

Trichromacy



Original Color

33.3715, 33.7030, 34.4522

Protanomaly

32.7810, 33.6351, 34.9015

Deuteranomaly

34.0720, 33.8201, 34.4379

Tritanomaly

34.0986, 33.7555, 37.9760

Monochromacy



Original Color

33.3715, 33.7030, 34.4522

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9580, 34.1956, 36.3158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3715, 33.7030, 34.4522 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(168, 154, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 154, 152)  
}
```

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(168, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 154, 152) }
```

Border

The CSS property to change the border of an element to XYZ 33.3715, 33.7030, 34.4522 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(168, 154, 152) }
```


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

```
.border{ border-color:rgb(168, 154, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 154, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 154,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3715, 33.7030, 34.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 154, 152) }
```

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

```
.background{ background-color: rgb(168,  
154, 152) }
```

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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