

Converting Colors

XYZ(32.9471, 34.5440, 37.5015)

Have a look what the booklet for
XYZ(32.9471, 34.5440, 37.5015)
contains.

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Color

**XYZ(33.0669, 34.7385,
37.3101)**

Conversions

Conversions Part 1

Format	Color
Hex	A09F9E
RGB	160, 159, 158
RGB Percent	63%, 62%, 62%
CMY	0.3725, 0.3765, 0.3804
CMYK	0.00, 0.01, 0.01, 0.37
HSL	30°, 1%, 62%
HSV	30°, 1%, 63%
XYZ	33.0669, 34.7385, 37.3101
YIQ	159.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
R _Y B	160, 160, 158
Decimal	10526622
CIE Lab	65.54, 0.17, 0.64
CIE LCh	66, 0.663, 74.809
Yxy	34.7385, 0.3146, 0.3305
Android (android.graphics.Color)	4288716702 (0xFFA09F9E)
YUV	159.1850, -0.5842, 0.7148
Hunter-Lab	58.9394, -2.9996, 3.7255

Details

The XYZ color **33.0669, 34.7385, 37.3101** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8438, 34.6029, 38.2062**, and the grayscale version is **33.0424, 34.7632, 37.8571**.

A 20% lighter version of the original color is **64.0811, 67.3443, 72.5721**, and **14.3231, 15.0379, 16.0576** is the 20% darker color. If you saturate the color by 10%, you get **30.4510, 31.5688, 30.0800**, and if you desaturate by 10%, it is **35.9526, 38.1600, 45.5157**.

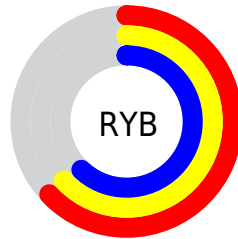
Distribution



Red (63%)

Green (62%)

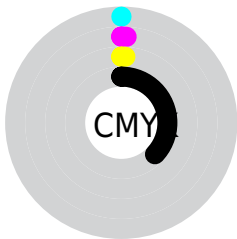
Blue (62%)



Red (63%)

Yellow (63%)

Blue (62%)

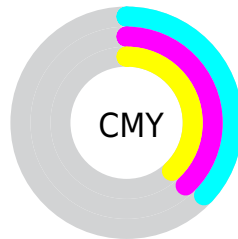


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0669, 34.7385, 37.3101 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 33.0669, 34.7385, 37.3101 by changing the saturation by 10% instead.

■ 33.0669, 34.7385,
37.3101

■ 33.0669, 34.7385,
37.3101

307.6107,
323.4126, 349.8602

■ 22.3372, 23.4615,
25.1500

■ 63.8339, 67.0805,
72.2411

■ 14.2229, 14.9347,
15.9688

■ 84.6020, 88.9142,
95.8491

■ 8.3586, 8.7735,
9.3480

109.4468,
115.0357, 124.1102

■ 4.3790, 4.5938,
4.8689

138.7338,
145.8293, 157.4428

■ 1.9187, 2.0109,
2.1132

172.8284,
181.6794, 196.2656

■ 0.5877, 0.6138,
0.6236

212.0958,

■ 0.0000, 0.0000,

222.9703, 240.9971

0.0000

256.9015,
270.0866, 292.0557

■ 33.0669, 34.7385,
37.3101

■ 33.0669, 34.7385,
37.3101

■ 30.4510, 31.5688,
30.0800

■ 35.9526, 38.1600,
45.5157

■ 28.0935, 28.6404,
23.7864

■ 39.1134, 41.8346,
54.7293

■ 25.9863, 25.9483,
18.3910

■ 42.5579, 45.7694,
64.9847

■ 24.1199, 23.4860,
13.8518

■ 46.2935, 49.9699,
76.3135

■ 22.4839, 21.2464,
10.1238

■ 50.3275, 54.4413,
88.7458

■ 21.0672, 19.2221,
7.1574

■ 54.6666, 59.1886,
102.3106

■ 19.8576, 17.4051,
4.8977

■ 56.8069, 63.2126,
103.8149

■ 18.8413, 15.7866,
3.2824

■ 58.8858, 67.3704,
104.5079

■ 18.0024, 14.3568,
2.2378

■ 61.0651, 71.7290,
105.2344

Harmonies

Analogous

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



33.1507, 34.7385, 37.4483



33.0669, 34.7385, 37.3101



32.9702, 34.7385, 37.3092

Triad

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



33.0669, 34.7385, 37.3101



32.8375, 34.7385, 37.9613



33.1498, 34.7385, 38.2053

Complementary

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



33.0669, 34.7385, 37.3101



32.8438, 34.6029, 38.2062

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.



33.0657, 34.7385, 38.3442



33.0669, 34.7385, 37.3101



32.8855, 34.7385, 38.2028

Square

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



33.0669, 34.7385, 37.3101



32.8379, 34.7385, 37.6842



32.9690, 34.7385, 38.3432



33.1986, 34.7385, 37.9648

Rectangle

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



33.0669, 34.7385, 37.3101



32.9113, 34.7385, 37.3865



32.9690, 34.7385, 38.3432



33.1247, 34.7385, 38.2655

Sweetspot

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



33.0679, 34.7400, 37.3109



60.6688, 63.8283, 69.5090



32.9825, 34.4310, 37.7088



13.3056, 13.9985, 15.2444



76.7382, 80.7346, 87.9200

Same Dimension

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



33.0679, 34.7400, 37.3109



60.1563, 63.2152, 68.0684



33.2400, 35.0843, 37.3682



7.3843, 7.7607, 8.3654



13.5854, 10.4064, 1.2926



0.2852, 0.2707, 0.0372

Inverse Universe

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



32.8438, 34.6029, 38.2062



59.8241, 63.0119, 69.3960



32.6731, 34.2614, 38.1492



7.3474, 7.7380, 8.5130



7.2081, 6.5077, 26.7834



0.1712, 0.2009, 0.4930

Previews

White Background



This preview shows how the XYZ color 33.0669, 34.7385, 37.3101 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 33.0669, 34.7385, 37.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

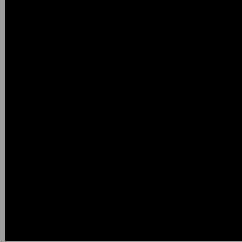
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

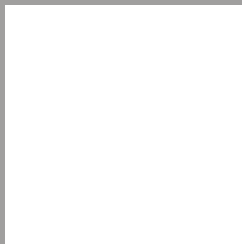
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0669, 34.7385, 37.3101

Background



This preview shows how black text looks on a background with the XYZ color 33.0669, 34.7385, 37.3101.



This preview shows how white text looks on a background with the XYZ color 33.0669, 34.7385,

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

33.0669, 34.7385, 37.3101

Protanopia

33.2987, 34.6037, 37.2719

Deuteranopia

35.2692, 34.6131, 37.6230



Tritanopia

34.2130, 34.6976, 42.9243

Trichromacy



Original Color

33.0669, 34.7385, 37.3101

Protanomaly

33.0964, 34.4994, 37.2624

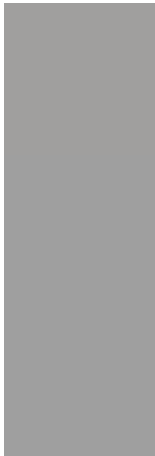
Deuteranomaly

34.5087, 34.7152, 37.6828

Tritanomaly

33.8077, 34.7840, 41.0085

Monochromacy



Original Color

33.0669, 34.7385, 37.3101

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9542, 34.6704, 37.7561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0669, 34.7385, 37.3101 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(160, 159, 158)` looks like.

```
.text, #text, p{  
    color:rgb(160, 159, 158)  
}
```

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(160, 159, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 159, 158) }
```

Border

The CSS property to change the border of an element to XYZ 33.0669, 34.7385, 37.3101 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(160, 159, 158) }
```

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

```
.border{ border-color:rgb(160, 159, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 159, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 159, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 159, 158);  
box-shadow:4px 4px 4px 4px rgb(160, 159,  
158) }
```


Background

The CSS property to change the background color of an element to XYZ 33.0669, 34.7385, 37.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 159, 158) }
```

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

```
.background{ background-color: rgb(160,  
159, 158) }
```

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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