

Converting Colors

XYZ(33.5337, 32.8037, 35.1362)

Have a look what the booklet for
XYZ(33.5337, 32.8037, 35.1362)
contains.

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Color

**XYZ(33.5337, 32.8037,
35.1362)**

Conversions

Conversions Part 1

Format	Color
Hex	AB969A
RGB	171, 150, 154
RGB Percent	67%, 59%, 60%
CMY	0.3294, 0.4117, 0.3961
CMYK	0.00, 0.12, 0.10, 0.33
HSL	349°, 11%, 63%
HSV	349°, 12%, 67%
XYZ	33.5337, 32.8037, 35.1362
YIQ	156.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

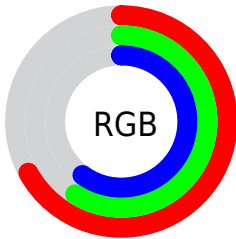
Format	Color
RYB	171, 150, 154
Decimal	11245210
CIELab	64.00, 8.47, 0.75
CIELCh	64, 8.505, 5.077
Yxy	32.8037, 0.3305, 0.3233
Android (android.graphics.Color)	4289435290 (0xFFAB969A)
YUV	156.7350, -1.3484, 12.5104
Hunter-Lab	57.2745, 4.2797, 3.7195

Details

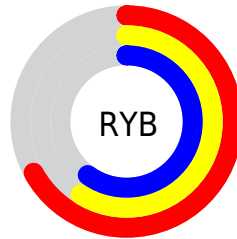
The XYZ color **33.5337, 32.8037, 35.1362** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1169, 38.4008, 42.1751**, and the grayscale version is **31.9319, 33.5948, 36.5847**.

A 20% lighter version of the original color is **64.3421, 63.9085, 68.6189**, and **14.5178, 13.8249, 14.7353** is the 20% darker color. If you saturate the color by 10%, you get **29.9143, 27.3049, 28.5651**, and if you desaturate by 10%, it is **37.6861, 39.1551, 42.5420**.

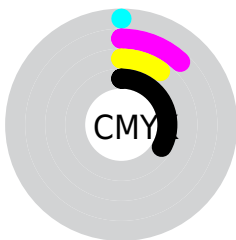
Distribution



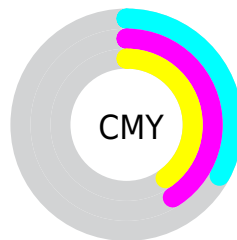
- Red (67%)
- Green (59%)
- Blue (60%)



- Red (67%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5337, 32.8037, 35.1362 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 33.5337, 32.8037, 35.1362 by changing the saturation by 10% instead.

■ 33.5337, 32.8037,
35.1362

■ 33.5337, 32.8037,
35.1362

309.6704,
314.7643, 340.0916

■ 22.6968, 21.9761,
23.4834

■ 64.5570, 64.0689,
68.8507

■ 14.4892, 13.8393,
14.7422

■ 85.4741, 85.2754,
91.7494

■ 8.5457, 8.0090,
8.4941

110.4820,
110.7102, 119.2340

■ 4.5008, 4.1007,
4.3204

139.9460,
140.7578, 151.7228

■ 1.9892, 1.7301,
1.8027

174.2315,
175.8027, 189.6344

■ 0.6279, 0.4430,
0.4297

213.7038,

■ 0.0000, 0.0000,

216.2291, 233.3874

0.0000

258.7283,
262.4215, 283.4003

■ 33.5337, 32.8037,
35.1362

■ 33.5337, 32.8037,
35.1362

■ 29.9143, 27.3049,
28.5651

■ 37.6861, 39.1551,
42.5420

■ 26.8036, 22.6181,
22.7972

■ 42.3893, 46.3886,
50.8084

■ 24.1793, 18.7060,
17.8020

■ 47.6635, 54.5378,
59.9626

■ 22.0164, 15.5267,
13.5463

■ 53.5270, 63.6332,
70.0301

■ 20.2876, 13.0342,
9.9945

■ 59.9975, 73.7039,
81.0355

■ 18.9627, 11.1775,
7.1078

■ 67.0917, 84.7777,
93.0022

■ 18.0075, 9.8983,
4.8438

■ 69.9540, 87.1377,
104.3289

■ 17.3818, 9.1273,
3.1545

■ 70.6048, 87.3980,
107.7560

■ 17.0631, 8.7654,
2.1988

Harmonies

Analogous

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



33.3181, 32.8037, 38.5748



33.5337, 32.8037, 35.1362



33.1052, 32.8037, 32.0538

Triad

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



33.5337, 32.8037, 35.1362



29.8719, 32.8037, 30.5790



30.2169, 32.8037, 42.0504

Complementary

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



33.5337, 32.8037, 35.1362



34.1169, 38.4008, 42.1751

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.



29.3289, 32.8037, 39.6505



33.5337, 32.8037, 35.1362



29.1333, 32.8037, 33.0052

Square

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



33.5337, 32.8037, 35.1362



30.9752, 32.8037, 29.5327



28.9371, 32.8037, 36.3055



31.3835, 32.8037, 42.7110

Rectangle

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



33.5337, 32.8037, 35.1362



32.5183, 32.8037, 30.5698



28.9371, 32.8037, 36.3055



29.8768, 32.8037, 41.4132

Sweetspot

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



33.5346, 32.8052, 35.1369



66.0893, 67.9715, 73.7012



34.1522, 32.9482, 43.0882



14.6112, 14.9634, 16.2102



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.



33.5346, 32.8052, 35.1369



58.0239, 55.6534, 59.2589



34.2395, 34.7390, 33.7565



8.0652, 8.0393, 8.6543



12.8780, 6.6137, 1.7370



0.3761, 0.1911, 0.1425

Inverse Universe

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



33.5346, 32.8052, 35.1369



58.0239, 55.6534, 59.2589



33.3306, 36.2276, 43.7645



8.0652, 8.0393, 8.6543



12.8780, 6.6137, 1.7370



0.3761, 0.1911, 0.1425

Previews

White Background



This preview shows how the XYZ color 33.5337, 32.8037, 35.1362 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 33.5337, 32.8037, 35.1362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

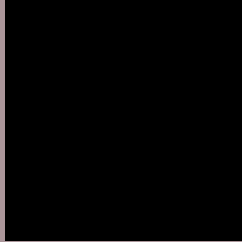
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5337, 32.8037, 35.1362

Background



This preview shows how black text looks on a background with the XYZ color 33.5337, 32.8037, 35.1362.



This preview shows how white text looks on a background with the XYZ color 33.5337, 32.8037,

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

33.5337, 32.8037, 35.1362

Protanopia

31.5460, 32.7136, 36.5500

Deuteranopia

33.5337, 32.8037, 35.1362



Tritanopia

34.1937, 32.8388, 38.2545

Trichromacy



Original Color

33.5337, 32.8037, 35.1362

Protanomaly

32.2923, 32.8641, 36.0939

Deuteranomaly

33.5337, 32.8037, 35.1362

Tritanomaly

33.9323, 32.7342, 36.8777

Monochromacy



Original Color

33.5337, 32.8037, 35.1362

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4566, 33.1929, 36.1487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5337, 32.8037, 35.1362 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(171, 150, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 154)  
}
```

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(171, 150, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.5337, 32.8037, 35.1362 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(171, 150, 154) }
```


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

```
.border{ border-color:rgb(171, 150, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5337, 32.8037, 35.1362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 154) }
```

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

```
.background{ background-color: rgb(171,  
150, 154) }
```

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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