

Converting Colors

XYZ(33.7056, 32.8526, 34.0006)

Have a look what the booklet for
XYZ(33.7056, 32.8526, 34.0006)
contains.

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Color

**XYZ(33.7258, 32.9313,
33.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9697
RGB	173, 150, 151
RGB Percent	68%, 59%, 59%
CMY	0.3216, 0.4117, 0.4078
CMYK	0.00, 0.13, 0.13, 0.32
HSL	357°, 12%, 63%
HSV	357°, 13%, 68%
XYZ	33.7258, 32.9313, 33.8570
YIQ	156.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

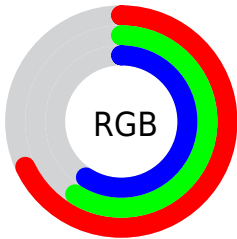
Format	Color
RYB	173, 150, 151
Decimal	11376279
CIELab	64.11, 8.70, 2.62
CIELCh	64, 9.083, 16.742
Yxy	32.9313, 0.3355, 0.3276
Android (android.graphics.Color)	4289566359 (0xFFAD9697)
YUV	156.9910, -2.9536, 14.0399
Hunter-Lab	57.3858, 4.4798, 5.1896

Details

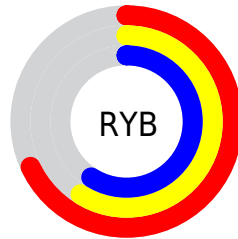
The XYZ color **33.7258, 32.9313, 33.8570** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9689, 39.3504, 44.7839**, and the grayscale version is **32.0532, 33.7224, 36.7237**.

A 20% lighter version of the original color is **64.9254, 64.2515, 66.7375**, and **14.5078, 13.8369, 13.9627** is the 20% darker color. If you saturate the color by 10%, you get **29.9154, 27.3123, 26.4146**, and if you desaturate by 10%, it is **38.1344, 39.4438, 42.4305**.

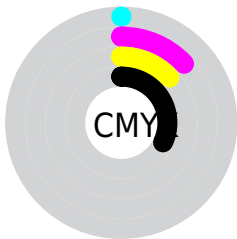
Distribution



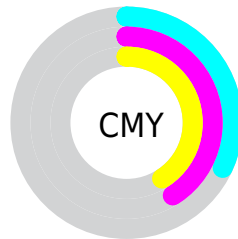
- Red (68%)
- Green (59%)
- Blue (59%)



- Red (68%)
- Yellow (59%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7258, 32.9313, 33.8570 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 33.7258, 32.9313, 33.8570 by changing the saturation by 10% instead.


 33.7258, 32.9313,
33.8570


 33.7258, 32.9313,
33.8570


310.5151,
315.3401, 334.2436

 22.8449, 22.0738,
22.5073


 64.8542, 64.2683,
66.8426

 14.5991, 13.9112,
14.0283


 85.8324, 85.5165,
89.3155

 8.6230, 8.0589,
8.0013


110.9070,
110.9972, 116.3333

 4.5512, 4.1327,
4.0080

140.4436,
141.0946, 148.3145

 2.0185, 1.7480,
1.6297

174.8073,
176.1932, 185.6775

 0.6443, 0.4545,
0.3119

214.3635,

 0.0000, 0.0000,

216.6774, 228.8411

0.0000

259.4777,
262.9316, 278.2236

■ 33.7258, 32.9313,
33.8570

■ 33.7258, 32.9313,
33.8570

■ 29.9154, 27.3123,
26.4146

■ 38.1344, 39.4438,
42.4305

■ 26.6747, 22.5438,
20.0541

■ 43.1624, 46.8819,
52.1774

■ 23.9773, 18.5856,
14.7258

■ 48.8335, 55.2812,
63.1403

■ 21.7933, 15.3928,
10.3753

■ 55.1692, 64.6744,
75.3590

■ 20.0903, 12.9158,
6.9431

■ 62.1903, 75.0924,
88.8717

■ 18.8318, 11.0995,
4.3634

■ 69.9163, 86.5650,
103.7148

■ 17.9763, 9.8806,
2.5615

■ 71.0437, 87.6243,
107.7765

■ 17.4745, 9.1834,
1.4499

■ 17.2748, 8.9007,
1.0229

Harmonies

Analogous

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



33.7667, 32.9313, 37.5036



33.7258, 32.9313, 33.8570



33.0237, 32.9313, 30.9472

Triad

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



33.7258, 32.9313, 33.8570



29.5355, 32.9313, 31.2238



30.7371, 32.9313, 43.1927

Complementary

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



33.7258, 32.9313, 33.8570



34.9689, 39.3504, 44.7839

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.



29.6378, 32.9313, 41.2595



33.7258, 32.9313, 33.8570



28.9569, 32.9313, 34.2586

Square

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



33.7258, 32.9313, 33.8570



30.5940, 32.9313, 29.4997



28.9938, 32.9313, 37.9334



32.0172, 32.9313, 43.0668

Rectangle

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



33.7258, 32.9313, 33.8570



32.2858, 32.9313, 29.7418



28.9938, 32.9313, 37.9334



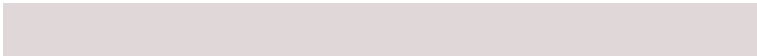
30.3349, 32.9313, 42.7568

Sweetspot

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



33.7267, 32.9328, 33.8577



67.6437, 69.6766, 74.7228



35.4304, 33.5850, 44.1505



14.5677, 14.9460, 15.9810



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.



33.7267, 32.9328, 33.8577



58.2539, 55.8100, 56.4472



35.3711, 36.3505, 34.0081



8.0188, 8.0208, 8.4098



12.6964, 6.5411, 0.7806



0.3577, 0.1837, 0.0452

Inverse Universe

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



33.7267, 32.9328, 33.8577



58.2539, 55.8100, 56.4472



33.1569, 35.5726, 44.6540



8.0188, 8.0208, 8.4098



12.6964, 6.5411, 0.7806



0.3577, 0.1837, 0.0452

Previews

White Background



This preview shows how the XYZ color 33.7258, 32.9313, 33.8570 looks on a white background.

Color Contrast Check

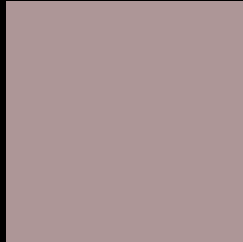
Large Text (above 18pt) WCAG AA × Fail

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 33.7258, 32.9313, 33.8570 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 33.7258, 32.9313, 33.8570

Background



This preview shows how black text looks on a background with the XYZ color 33.7258, 32.9313, 33.8570.



This preview shows how white text looks on a background with the XYZ color 33.7258, 32.9313,

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

33.7258, 32.9313, 33.8570

Protanopia

31.8522, 33.1467, 35.2910

Deuteranopia

33.5055, 32.8177, 33.8467



Tritanopia

34.5482, 33.0316, 37.8126

Trichromacy



Original Color

33.7258, 32.9313, 33.8570

Protanomaly

32.4508, 32.9749, 34.7914

Deuteranomaly

33.5055, 32.8177, 33.8467

Tritanomaly

34.2888, 32.9279, 36.4468

Monochromacy



Original Color

33.7258, 32.9313, 33.8570

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5763, 33.2643, 35.7140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7258, 32.9313, 33.8570 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(173, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 150, 151)  
}
```

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(173, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 150, 151) }
```

Border

The CSS property to change the border of an element to XYZ 33.7258, 32.9313, 33.8570 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(173, 150, 151) }
```


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

```
.border{ border-color:rgb(173, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(173, 150,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7258, 32.9313, 33.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 150, 151) }
```

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

```
.background{ background-color: rgb(173,  
150, 151) }
```

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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