

Converting Colors

XYZ(32.7514, 37.8319, 35.5999)

Have a look what the booklet for
XYZ(32.7514, 37.8319, 35.5999)
contains.

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Color

**XYZ(32.7071, 37.8153,
35.7122)**

Conversions

Conversions Part 1

Format	Color
Hex	95AB99
RGB	149, 171, 153
RGB Percent	58%, 67%, 60%
CMY	0.4157, 0.3294, 0.4000
CMYK	0.13, 0.00, 0.11, 0.33
HSL	131°, 12%, 63%
HSV	131°, 13%, 67%
XYZ	32.7071, 37.8153, 35.7122
YIQ	162.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

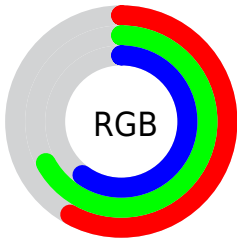
Format	Color
RYB	149, 168, 171
Decimal	9808793
CIELab	67.88, -11.19, 6.70
CIELCh	68, 13.044, 149.087
Yxy	37.8153, 0.3079, 0.3560
Android (android.graphics.Color)	4287998873 (0xFF95AB99)
YUV	162.3700, -4.6194, -11.7255
Hunter-Lab	61.4941, -12.6754, 8.6137

Details

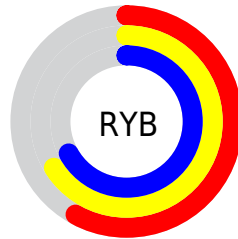
The XYZ color **32.7071, 37.8153, 35.7122** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5184, 32.9437, 41.1005**, and the grayscale version is **34.5405, 36.3393, 39.5735**.

A 20% lighter version of the original color is **63.0874, 71.5942, 69.5255**, and **14.0321, 16.7496, 15.0638** is the 20% darker color. If you saturate the color by 10%, you get **28.7248, 35.8892, 29.8432**, and if you desaturate by 10%, it is **37.2852, 40.0350, 42.3181**.

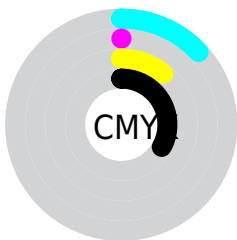
Distribution



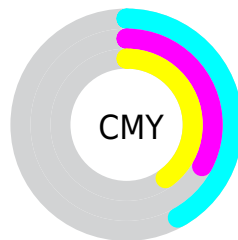
- Red (58%)
- Green (67%)
- Blue (60%)



- Red (58%)
- Yellow (66%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7071, 37.8153, 35.7122 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 32.7071, 37.8153, 35.7122 by changing the saturation by 10% instead.

■ 32.7071, 37.8153,
35.7122

■ 32.7071, 37.8153,
35.7122

306.0162,
336.8270, 342.7002

■ 22.0603, 25.8394,
23.9241

■ 63.2757, 71.8250,
69.7517

■ 14.0181, 16.7035,
15.0656

■ 83.9283, 94.6275,
92.8401

■ 8.2150, 10.0233,
8.7183

108.6468,
121.8076, 120.5323

■ 4.2858, 5.4144,
4.4636

137.7966,
153.7498, 153.2470

■ 1.8651, 2.4924,
1.8830

171.7431,
190.8385, 191.4025

■ 0.5564, 0.8728,
0.4819

210.8516,

■ 0.0000, 0.0000,

233.4580, 235.4176

0.0000

255.4876,
281.9927, 285.7106

■ 32.7071, 37.8153,
35.7122

■ 32.7071, 37.8153,
35.7122

■ 28.7248, 35.8892,
29.8432

■ 37.2852, 40.0350,
42.3181

■ 25.3105, 34.2397,
24.6831

■ 42.4790, 42.5549,
49.6826

■ 22.4390, 32.8556,
20.2058

■ 48.3114, 45.3873,
57.8297

■ 20.0821, 31.7227,
16.3826

■ 54.8033, 48.5426,
66.7815

■ 18.2086, 30.8258,
13.1828

■ 61.9744, 52.0305,
76.5592

■ 16.7842, 30.1478,
10.5733

■ 69.8438, 55.8603,
87.1835

■ 15.7699, 29.6693,
8.5177

■ 73.2070, 57.3486,
98.4294

■ 15.1195, 29.3675,
6.9758

■ 73.8536, 57.6073,
101.8345

■ 14.8121, 29.2267,
6.1631

Harmonies

Analogous

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



34.0842, 37.8153, 32.1860



32.7071, 37.8153, 35.7122



32.1914, 37.8153, 40.9972

Triad

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



32.7071, 37.8153, 35.7122



35.8804, 37.8153, 53.3485



39.4500, 37.8153, 35.9925

Complementary

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



32.7071, 37.8153, 35.7122



34.5184, 32.9437, 41.1005

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.



39.9738, 37.8153, 41.3521



32.7071, 37.8153, 35.7122



37.8668, 37.8153, 51.6976

Square

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



32.7071, 37.8153, 35.7122



33.9807, 37.8153, 51.4913



39.3841, 37.8153, 47.1670



37.9780, 37.8153, 32.3368

Rectangle

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



32.7071, 37.8153, 35.7122



32.3901, 37.8153, 44.9261



39.3841, 37.8153, 47.1670



39.7452, 37.8153, 37.6377

Sweetspot

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



32.7081, 37.8169, 35.7130



65.7281, 71.1907, 74.2906



35.9961, 39.5495, 34.1708



14.5165, 15.8074, 16.3648



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.



32.7081, 37.8169, 35.7130



56.7695, 66.8502, 61.3176



33.6293, 38.1854, 40.5638



7.9618, 8.9623, 8.8236



11.1802, 22.0374, 4.7228



0.3283, 0.6200, 0.2222

Inverse Universe

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



34.5184, 32.9437, 41.1005



60.5529, 56.6650, 72.5762



33.5722, 32.5653, 36.1179



8.2737, 8.1227, 9.7519



16.2419, 7.9593, 19.4512



0.4679, 0.2278, 0.6255

Previews

White Background



This preview shows how the XYZ color 32.7071, 37.8153, 35.7122 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 32.7071, 37.8153, 35.7122 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

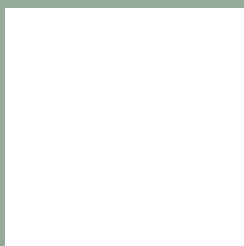
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7071, 37.8153, 35.7122

Background



This preview shows how black text looks on a background with the XYZ color 32.7071, 37.8153, 35.7122.



This preview shows how white text looks on a background with the XYZ color 32.7071, 37.8153,

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

32.7071, 37.8153, 35.7122

Protanopia

35.9734, 37.8829, 34.2703

Deuteranopia

38.3221, 37.4771, 36.2244



Tritanopia

35.3834, 37.8027, 48.6118

Trichromacy



Original Color

32.7071, 37.8153, 35.7122

Protanomaly

34.7145, 37.7643, 34.7377

Deuteranomaly

35.9432, 37.2981, 35.8767

Tritanomaly

34.2072, 37.5829, 43.4815

Monochromacy



Original Color

32.7071, 37.8153, 35.7122

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.6178, 36.5816, 38.0900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7071, 37.8153, 35.7122 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(149, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(149, 171, 153)  
}
```

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(149, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.7071, 37.8153, 35.7122 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(149, 171, 153) }
```


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

```
.border{ border-color:rgb(149, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(149, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7071, 37.8153, 35.7122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 171, 153) }
```

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

```
.background{ background-color: rgb(149,  
171, 153) }
```

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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