

Converting Colors

XYZ(32.6144, 33.6893, 37.1468)

Have a look what the booklet for
XYZ(32.6144, 33.6893, 37.1468)
contains.

XYZ(32.5572, 33.7191, 37.1402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5572, 33.7191,
37.1402)**

Conversions

Conversions Part 1

Format	Color
Hex	A09C9E
RGB	160, 156, 158
RGB Percent	63%, 61%, 62%
CMY	0.3725, 0.3882, 0.3804
CMYK	0.00, 0.02, 0.01, 0.37
HSL	330°, 2%, 62%
HSV	330°, 2%, 63%
XYZ	32.5572, 33.7191, 37.1402
YIQ	157.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

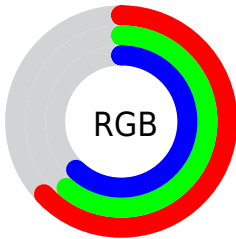
Format	Color
RYB	160, 156, 158
Decimal	10525854
CIELab	64.74, 1.83, -0.54
CIELCh	65, 1.907, 343.670
Yxy	33.7191, 0.3148, 0.3261
Android (android.graphics.Color)	4288715934 (0xFFA09C9E)
YUV	157.4240, 0.2840, 2.2592
Hunter-Lab	58.0681, -1.5393, 2.7260

Details

The XYZ color **32.5572, 33.7191, 37.1402** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4539, 34.6790, 37.3327**, and the grayscale version is **32.2378, 33.9167, 36.9353**.

A 20% lighter version of the original color is **63.0812, 65.3444, 72.2388**, and **14.0121, 14.4159, 15.9539** is the 20% darker color. If you saturate the color by 10%, you get **29.3807, 28.4328, 32.7918**, and if you desaturate by 10%, it is **36.1342, 39.7336, 41.8445**.

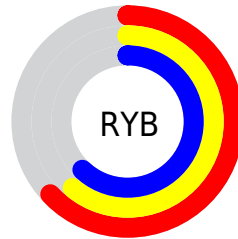
Distribution



Red (63%)

Green (61%)

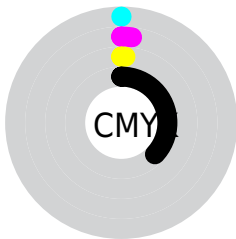
Blue (62%)



Red (63%)

Yellow (61%)

Blue (62%)

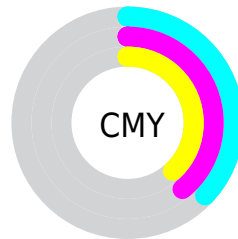


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5572, 33.7191, 37.1402 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 32.5572, 33.7191, 37.1402 by changing the saturation by 10% instead.

■ 32.5572, 33.7191,
37.1402

■ 32.5572, 33.7191,
37.1402

305.3501,
318.8777, 349.1041

■ 21.9451, 22.6779,
25.0194

■ 63.0429, 65.4966,
71.9771

■ 13.9329, 14.3558,
15.8724

■ 83.6472, 87.0017,
95.5303

■ 8.1554, 8.3686,
9.2805

108.3129,
112.7635, 123.7314

■ 4.2472, 4.3317,
4.8253

137.4053,
143.1665, 156.9989

■ 1.8429, 1.8608,
2.0882

171.2899,
178.5950, 195.7514

■ 0.5433, 0.5246,
0.6087

210.3320,

■ 0.0000, 0.0000,

219.4335, 240.4074

0.0000

254.8970,
266.0662, 291.3854

■ 32.5572, 33.7191,
37.1402

■ 32.5572, 33.7191,
37.1402

■ 29.3807, 28.4328,
32.7918

■ 36.1342, 39.7336,
41.8445

■ 26.5872, 23.8426,
28.7880

■ 40.1227, 46.4983,
46.9110

■ 24.1623, 19.9203,
25.1200

■ 44.5366, 54.0395,
52.3490

■ 22.0894, 16.6344,
21.7779

■ 49.3885, 62.3810,
58.1663

■ 20.3505, 13.9504,
18.7512

■ 54.6905, 71.5456,
64.3708

■ 18.9261, 11.8308,
16.0286

■ 60.4540, 81.5552,
70.9701

■ 17.7946, 10.2338,
13.5979

■ 62.4002, 83.8508,
76.5413

■ 16.9311, 9.1117,
11.4457

■ 63.4484, 84.2701,
82.0611

■ 16.3066, 8.4078,
9.5571

■ 64.5476, 84.7098,
87.8494

Harmonies

Analogous

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



32.4141, 33.7191, 37.8165



32.5572, 33.7191, 37.1402



32.5636, 33.7191, 36.3590

Triad

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



32.5572, 33.7191, 37.1402



31.9247, 33.7191, 35.2678



31.6695, 33.7191, 37.7660

Complementary

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



32.5572, 33.7191, 37.1402



32.4539, 34.6790, 37.3327

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.



31.5398, 33.7191, 37.0721



32.5572, 33.7191, 37.1402



31.6866, 33.7191, 35.6339

Square

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



32.5572, 33.7191, 37.1402



32.1973, 33.7191, 35.2855



31.5461, 33.7191, 36.2918



31.9011, 33.7191, 38.1813

Rectangle

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



32.5572, 33.7191, 37.1402



32.4894, 33.7191, 35.8843



31.5461, 33.7191, 36.2918



31.6126, 33.7191, 37.5572

Sweetspot

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



32.5582, 33.7206, 37.1409



60.0296, 62.7566, 68.6585



32.3354, 33.5857, 38.0366



13.1736, 13.7773, 15.0688



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



32.5582, 33.7206, 37.1409



58.7738, 60.6545, 66.9777



32.3876, 33.6523, 36.2427



7.1615, 7.3603, 8.1513



12.4417, 6.2813, 6.5770



0.2438, 0.1208, 0.2300

Inverse Universe

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



32.5582, 33.7206, 37.1409



58.7738, 60.6545, 66.9777



32.6273, 34.7484, 38.2456



7.1615, 7.3603, 8.1513



12.4417, 6.2813, 6.5770



0.2438, 0.1208, 0.2300

Previews

White Background



This preview shows how the XYZ color 32.5572, 33.7191, 37.1402 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 32.5572, 33.7191, 37.1402 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

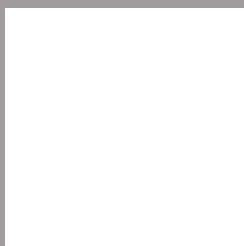
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5572, 33.7191, 37.1402

Background



This preview shows how black text looks on a background with the XYZ color 32.5572, 33.7191, 37.1402.



This preview shows how white text looks on a background with the XYZ color 32.5572, 33.7191,

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

32.5572, 33.7191, 37.1402

Protanopia

32.3581, 33.6165, 37.1309

Deuteranopia

34.2808, 33.6176, 37.4829



Tritanopia

33.3943, 33.8098, 41.3251

Trichromacy



Original Color

32.5572, 33.7191, 37.1402

Protanomaly

32.3581, 33.6165, 37.1309

Deuteranomaly

33.5856, 33.5012, 37.4971

Tritanomaly

33.1201, 33.7001, 39.8811

Monochromacy



Original Color

32.5572, 33.7191, 37.1402

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2433, 33.8174, 36.7263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5572, 33.7191, 37.1402 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, 156, 158)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 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, 156, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.5572, 33.7191, 37.1402 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, 156, 158) }
```


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

```
.border{ border-color:rgb(160, 156, 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, 156, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 158);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5572, 33.7191, 37.1402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 158) }
```

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

```
.background{ background-color: rgb(160,  
156, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor