

Converting Colors

XYZ(33.6437, 37.1783, 36.4143)

Have a look what the booklet for
XYZ(33.6437, 37.1783, 36.4143)
contains.

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Color

**XYZ(33.6397, 37.1721,
36.4123)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA79B
RGB	157, 167, 155
RGB Percent	62%, 65%, 61%
CMY	0.3843, 0.3451, 0.3922
CMYK	0.06, 0.00, 0.07, 0.35
HSL	110°, 6%, 63%
HSV	110°, 7%, 65%
XYZ	33.6397, 37.1721, 36.4123
YIQ	162.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

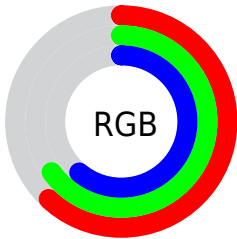
Format	Color
RYB	155, 167, 165
Decimal	10332059
CIELab	67.41, -5.83, 4.98
CIELCh	67, 7.668, 139.493
Yxy	37.1721, 0.3137, 0.3467
Android (android.graphics.Color)	4288522139 (0xFF9DA79B)
YUV	162.6420, -3.7675, -4.9480
Hunter-Lab	60.9689, -8.2080, 7.2686

Details

The XYZ color **33.6397, 37.1721, 36.4123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2150, 34.2331, 41.3655**, and the grayscale version is **34.6628, 36.4679, 39.7136**.

A 20% lighter version of the original color is **64.7813, 70.8431, 70.5813**, and **14.5733, 16.3251, 15.4797** is the 20% darker color. If you saturate the color by 10%, you get **29.7707, 35.3296, 29.4094**, and if you desaturate by 10%, it is **38.0142, 39.2549, 44.4531**.

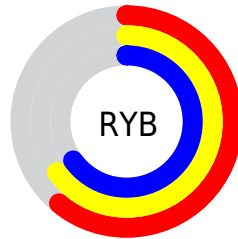
Distribution



Red (62%)

Green (65%)

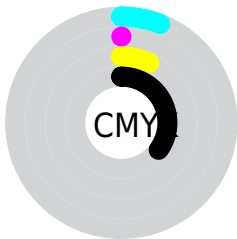
Blue (61%)



Red (61%)

Yellow (65%)

Blue (65%)

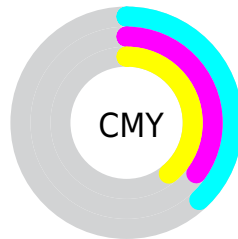


Cyan (6%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6397, 37.1721, 36.4123 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 33.6397, 37.1721, 36.4123 by changing the saturation by 10% instead.

■ 33.6397, 37.1721,
36.4123

■ 33.6397, 37.1721,
36.4123

310.1368,
334.0550, 345.8508

■ 22.7785, 25.3408,
24.4606

■ 64.7210, 70.8374,
70.8442

■ 14.5498, 16.3311,
15.4603

■ 85.6718, 93.4402,
94.1614

■ 8.5883, 9.7588,
8.9929

110.7166,
120.4022, 122.1042

■ 4.5286, 5.2393,
4.6398

140.2206,
152.1078, 155.0911

■ 2.0053, 2.3883,
1.9825

174.5493,
188.9416, 193.5407

■ 0.6369, 0.8199,
0.5445

214.0680,

■ 0.0000, 0.0000,

231.2877, 237.8715

0.0000

259.1420,
279.5308, 288.5020

■ 33.6397, 37.1721,
36.4123

■ 33.6397, 37.1721,
36.4123

■ 29.7707, 35.3296,
29.4094

■ 38.0142, 39.2549,
44.4531

■ 26.3857, 33.7141,
23.3996

■ 42.9084, 41.5813,
53.5690

■ 23.4666, 32.3183,
18.3389

■ 48.3399, 44.1605,
63.7986

■ 20.9927, 31.1324,
14.1787

■ 54.3242, 46.9998,
75.1775

■ 18.9416, 30.1462,
10.8661

■ 60.8766, 50.1064,
87.7402

■ 17.2891, 29.3485,
8.3428

■ 67.9787, 53.4739,
101.3464

■ 16.0086, 28.7269,
6.5432

■ 72.9002, 56.0110,
101.5767

■ 15.0697, 28.2674,
5.3909

■ 73.1095, 56.1189,
101.5865

■ 14.4326, 27.9521,
4.7695

Harmonies

Analogous

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



34.5819, 37.1721, 34.6719



33.6397, 37.1721, 36.4123



33.1543, 37.1721, 39.3048

Triad

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



33.6397, 37.1721, 36.4123



34.9203, 37.1721, 47.1801



37.5054, 37.1721, 38.3517

Complementary

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



33.6397, 37.1721, 36.4123



34.2150, 34.2331, 41.3655

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.



37.6009, 37.1721, 41.6664



33.6397, 37.1721, 36.4123



36.0908, 37.1721, 46.8899

Square

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



33.6397, 37.1721, 36.4123



33.8827, 37.1721, 45.5995



37.0780, 37.1721, 44.8273



36.8199, 37.1721, 35.7479

Rectangle

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



33.6397, 37.1721, 36.4123



33.1476, 37.1721, 41.5514



37.0780, 37.1721, 44.8273



37.6081, 37.1721, 39.4156

Sweetspot

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



33.6407, 37.1737, 36.4131



64.1649, 68.4380, 72.3902



35.3095, 37.4941, 36.3870



14.3789, 15.3247, 16.2364



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.6407, 37.1737, 36.4131



58.8054, 65.8865, 62.5871



33.5955, 37.1109, 38.1944



7.5489, 8.4656, 8.0254



10.9662, 21.3505, 3.5431



0.2998, 0.5365, 0.0877

Inverse Universe

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



34.2150, 34.2331, 41.3655



60.0992, 59.2606, 73.7461



34.2699, 34.3035, 39.4668



7.7174, 7.6025, 9.4790



13.5435, 6.3654, 28.4903



0.3611, 0.1711, 0.6946

Previews

White Background



This preview shows how the XYZ color 33.6397, 37.1721, 36.4123 looks on a white background.

Color Contrast Check

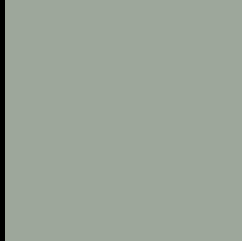
Large Text (above 18pt) WCAG AA × Fail

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 33.6397, 37.1721, 36.4123 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 33.6397, 37.1721, 36.4123

Background



This preview shows how black text looks on a background with the XYZ color 33.6397, 37.1721, 36.4123.



This preview shows how white text looks on a background with the XYZ color 33.6397, 37.1721,

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

33.6397, 37.1721, 36.4123

Protanopia

35.2091, 36.9293, 35.4093

Deuteranopia

37.6041, 36.8331, 37.0258



Tritanopia

35.7085, 37.1988, 46.8930

Trichromacy



Original Color

33.6397, 37.1721, 36.4123

Protanomaly

34.6252, 36.8833, 35.8661

Deuteranomaly

35.9792, 36.7743, 36.6543

Tritanomaly

34.9146, 37.1458, 42.8658

Monochromacy



Original Color

33.6397, 37.1721, 36.4123

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.3186, 36.6661, 38.5262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6397, 37.1721, 36.4123 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(157, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 155)  
}
```

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(157, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 155) }
```

Border

The CSS property to change the border of an element to XYZ 33.6397, 37.1721, 36.4123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

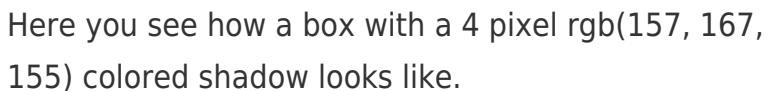
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 167, 155) }
```


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

```
.border{ border-color:rgb(157, 167, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 167, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 167, 155); box-shadow:4px 4px 4px 4px rgb(157, 167, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6397, 37.1721, 36.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 155) }
```

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

```
.background{ background-color: rgb(157,  
167, 155) }
```

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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