

Converting Colors

XYZ(34.0312, 37.5950, 39.1300)

Have a look what the booklet for
XYZ(34.0312, 37.5950, 39.1300)
contains.

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Color

**XYZ(33.9532, 37.5470,
39.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA8A1
RGB	155, 168, 161
RGB Percent	61%, 66%, 63%
CMY	0.3922, 0.3412, 0.3686
CMYK	0.08, 0.00, 0.04, 0.34
HSL	148°, 7%, 63%
HSV	148°, 8%, 66%
XYZ	33.9532, 37.5470, 39.1760
YIQ	163.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

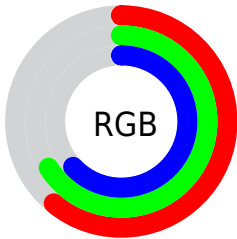
Format	Color
RYB	155, 164, 168
Decimal	10201249
CIELab	67.69, -5.94, 2.04
CIElCh	68, 6.279, 161.080
Yxy	37.5470, 0.3068, 0.3393
Android (android.graphics.Color)	4288391329 (0xFF9BA8A1)
YUV	163.3150, -1.1413, -7.2923
Hunter-Lab	61.2756, -8.3243, 4.9864

Details

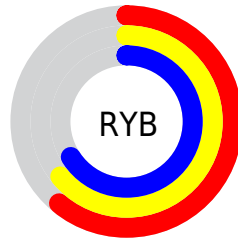
The XYZ color **33.9532, 37.5470, 39.1760** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3927, 34.3771, 39.0069**, and the grayscale version is **34.9695, 36.7907, 40.0651**.

A 20% lighter version of the original color is **65.0768, 71.2885, 75.2959**, and **14.7688, 16.5596, 17.1698** is the 20% darker color. If you saturate the color by 10%, you get **30.1815, 35.6926, 34.9844**, and if you desaturate by 10%, it is **38.2334, 39.6590, 43.6944**.

Distribution



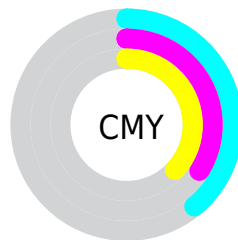
- Red (61%)
- Green (66%)
- Blue (63%)



- Red (61%)
- Yellow (64%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (39%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9532, 37.5470, 39.1760 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 33.9532, 37.5470, 39.1760 by changing the saturation by 10% instead.

■ 33.9532, 37.5470,
39.1760

■ 33.9532, 37.5470,
39.1760

311.5129,
335.6727, 358.0865

■ 23.0204, 25.6313,
26.5878

■ 65.2057, 71.4133,
75.1304

■ 14.7293, 16.5480,
17.0342

■ 86.2560, 94.1326,
99.3337

■ 8.7147, 9.9128,
10.0967

111.4095,
121.2220, 128.2457

■ 4.6112, 5.3412,
5.3566

141.0317,
153.0658, 162.2851

■ 2.0534, 2.4488,
2.3956

175.4877,
190.0483, 201.8703

■ 0.6637, 0.8508,
0.7841

215.1430,

■ 0.0000, 0.0000,

232.5541, 247.4199

0.0000

260.3630,
280.9674, 299.3525

■ 33.9532, 37.5470,
39.1760

■ 33.9532, 37.5470,
39.1760

■ 30.1815, 35.6926,
34.9844

■ 38.2334, 39.6590,
43.6944

■ 26.8955, 34.0809,
31.1099

■ 43.0375, 42.0332,
48.5441

■ 24.0753, 32.7030,
27.5458

■ 48.3840, 44.6802,
53.7327

■ 21.6984, 31.5474,
24.2842

■ 54.2898, 47.6083,
59.2669

■ 19.7404, 30.6017,
21.3169

■ 60.7707, 50.8258,
65.1530

■ 18.1742, 29.8520,
18.6355

■ 67.5461, 54.1878,
71.3833

■ 16.9696, 29.2830,
16.2308

■ 68.7435, 54.6667,
77.6885

■ 16.0914, 28.8766,
14.0932

■ 70.0062, 55.1718,
84.3378

■ 15.4830, 28.6040,
12.2117

■ 71.3352, 55.7034,
91.3364

Harmonies

Analogous

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



34.4766, 37.5470, 36.9896



33.9532, 37.5470, 39.1760



33.8894, 37.5470, 41.9167

Triad

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



33.9532, 37.5470, 39.1760



36.0467, 37.5470, 46.3471



37.1106, 37.5470, 37.4744

Complementary

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



33.9532, 37.5470, 39.1760



34.3927, 34.3771, 39.0069

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.



37.5476, 37.5470, 39.8651



33.9532, 37.5470, 39.1760



36.9260, 37.5470, 45.0390

Square

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



33.9532, 37.5470, 39.1760



35.0864, 37.5470, 46.1420



37.4795, 37.5470, 42.6374



36.2950, 37.5470, 36.0383

Rectangle

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



33.9532, 37.5470, 39.1760



34.1149, 37.5470, 43.7000



37.4795, 37.5470, 42.6374



37.3073, 37.5470, 38.1884

Sweetspot

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



33.9543, 37.5486, 39.1768



65.9253, 70.2603, 75.6903



34.8511, 38.0706, 36.5224



14.3885, 15.3234, 16.5179



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.



33.9543, 37.5486, 39.1768



60.5806, 67.6261, 69.9683



34.5289, 37.7785, 42.2030



7.5754, 8.4632, 8.7499



11.6252, 21.5689, 9.0593



0.3088, 0.5352, 0.3573

Inverse Universe

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



34.3927, 34.3771, 39.0069



61.5138, 60.8758, 69.6065



33.8420, 34.1568, 36.1071



7.6937, 7.6073, 8.7041



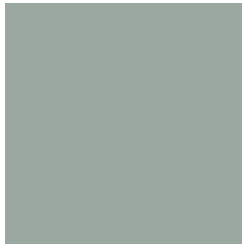
13.6298, 6.8606, 8.1278



0.3570, 0.1771, 0.3316

Previews

White Background



This preview shows how the XYZ color 33.9532, 37.5470, 39.1760 looks on a white background.

Color Contrast Check

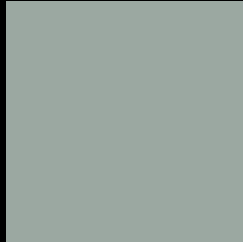
Large Text (above 18pt) WCAG AA × Fail

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 33.9532, 37.5470, 39.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

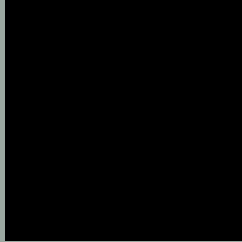
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9532, 37.5470, 39.1760

Background



This preview shows how black text looks on a background with the XYZ color 33.9532, 37.5470, 39.1760.



This preview shows how white text looks on a background with the XYZ color 33.9532, 37.5470,

39.1760.

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

33.9532, 37.5470, 39.1760

Protanopia

35.8957, 37.4891, 38.1451

Deuteranopia

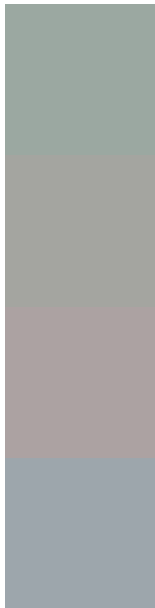
38.0651, 37.2644, 39.8368



Tritanopia

35.5916, 37.3937, 47.4613

Trichromacy



Original Color

33.9532, 37.5470, 39.1760

Protanomaly

35.1101, 37.3408, 38.6147

Deuteranomaly

36.4552, 37.2200, 39.4452

Tritanomaly

34.9872, 37.4191, 44.4083

Monochromacy



Original Color

33.9532, 37.5470, 39.1760

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.4739, 36.9925, 39.5057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9532, 37.5470, 39.1760 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(155, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(155, 168, 161)  
}
```

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(155, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 168, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.9532, 37.5470, 39.1760 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(155, 168, 161) }
```


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

```
.border{ border-color:rgb(155, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(155, 168,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9532, 37.5470, 39.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 168, 161) }
```

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

```
.background{ background-color: rgb(155,  
168, 161) }
```

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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