

Converting Colors

XYZ(33.1055, 37.0428, 39.5305)

Have a look what the booklet for
XYZ(33.1055, 37.0428, 39.5305)
contains.

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Color

**XYZ(33.1019, 37.0979,
39.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	96A8A2
RGB	150, 168, 162
RGB Percent	59%, 66%, 64%
CMY	0.4118, 0.3412, 0.3647
CMYK	0.11, 0.00, 0.04, 0.34
HSL	160°, 9%, 62%
HSV	160°, 11%, 66%
XYZ	33.1019, 37.0979, 39.5984
YIQ	161.9340, -8.8020, -5.6820

Conversions

Conversions Part 2

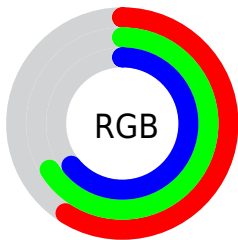
Format	Color
RYB	150, 161, 168
Decimal	9873570
CIELab	67.35, -7.49, 0.95
CIELCh	67, 7.546, 172.776
Yxy	37.0979, 0.3015, 0.3379
Android (android.graphics.Color)	4288063650 (0xFF96A8A2)
YUV	161.9340, 0.0325, -10.4661
Hunter-Lab	60.9080, -9.5791, 4.0892

Details

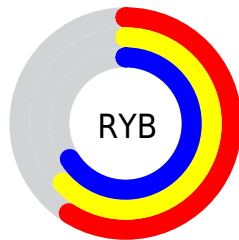
The XYZ color **33.1019, 37.0979, 39.5984** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0569, 32.5388, 35.9925**, and the grayscale version is **34.3154, 36.1025, 39.3156**.

A 20% lighter version of the original color is **63.8139, 70.6225, 75.9138**, and **14.2055, 16.2692, 17.1434** is the 20% darker color. If you saturate the color by 10%, you get **29.7426, 35.4234, 36.9000**, and if you desaturate by 10%, it is **36.9287, 39.0129, 42.4360**.

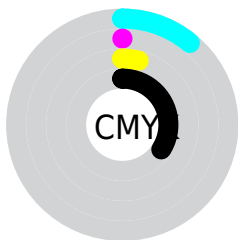
Distribution



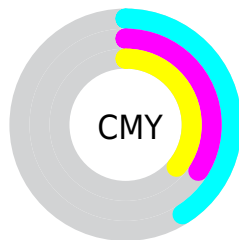
- Red (59%)
- Green (66%)
- Blue (64%)



- Red (59%)
- Yellow (63%)
- Blue (66%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (41%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1019, 37.0979, 39.5984 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 33.1019, 37.0979, 39.5984 by changing the saturation by 10% instead.

■ 33.1019, 37.0979,
39.5984

■ 33.1019, 37.0979,
39.5984

307.7655,
333.7342, 359.9296

■ 22.3641, 25.2833,
26.9142

■ 63.8882, 70.7233,
75.7820

■ 14.2428, 16.2882,
17.2769

■ 84.6674, 93.3029,
100.1184

■ 8.3726, 9.7284,
10.2681

109.5245,
120.2397, 129.1759

■ 4.3881, 5.2192,
5.4691

138.8249,
151.9180, 163.3731

■ 1.9239, 2.3765,
2.4616

172.9338,
188.7222, 203.1286

■ 0.5907, 0.8137,
0.8197

212.2166,

■ 0.0000, 0.0000,

231.0367, 248.8608

0.0000

257.0387,
279.2459, 300.9883

■ 33.1019, 37.0979,
39.5984

■ 33.1019, 37.0979,
39.5984

■ 29.7426, 35.4234,
36.9000

■ 36.9287, 39.0129,
42.4360

■ 26.8287, 33.9750,
34.3360

■ 41.2379, 41.1730,
45.4127

■ 24.3407, 32.7436,
31.9048

■ 46.0475, 43.5883,
48.5316

■ 22.2567, 31.7180,
29.6037

■ 51.3735, 46.2673,
51.7947

■ 20.5526, 30.8859,
27.4301

■ 57.2314, 49.2177,
55.2042

■ 19.2017, 30.2334,
25.3810

■ 63.6358, 52.4472,
58.7621

■ 18.1734, 29.7449,
23.4535

■ 65.8110, 53.4937,
62.2464

■ 17.4322, 29.4021,
21.6441

■ 66.4831, 53.7625,
65.7858

■ 16.9272, 29.1762,
20.0649

■ 67.1795, 54.0411,
69.4531

Harmonies

Analogous

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



33.5207, 37.0979, 36.6650



33.1019, 37.0979, 39.5984



33.2513, 37.0979, 42.9070

Triad

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



33.1019, 37.0979, 39.5984



36.1276, 37.0979, 46.5488



36.6216, 37.0979, 35.5355

Complementary

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



33.1019, 37.0979, 39.5984



33.0569, 32.5388, 35.9925

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.



37.3489, 37.0979, 37.9798



33.1019, 37.0979, 39.5984



37.0593, 37.0979, 44.3661

Square

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



33.1019, 37.0979, 39.5984



34.9818, 37.0979, 47.0404



37.5108, 37.0979, 41.1988



35.5406, 37.0979, 34.4039

Rectangle

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



33.1019, 37.0979, 39.5984



33.6546, 37.0979, 44.8706



37.5108, 37.0979, 41.1988



36.9165, 37.0979, 36.2242

Sweetspot

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



33.1029, 37.0995, 39.5992



65.3078, 69.9395, 75.7758



33.2773, 37.3068, 34.3018



14.1118, 15.1825, 16.4265



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.



33.1029, 37.0995, 39.5992



58.4504, 66.5119, 70.5960



33.1561, 36.3313, 42.3127



7.6396, 8.4889, 9.0883



12.8066, 22.0414, 15.2805



0.3338, 0.5452, 0.4889

Inverse Universe

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



33.0569, 32.5388, 35.9925



58.3490, 56.4612, 62.6483



32.9968, 33.2122, 33.5262



7.6304, 7.5820, 8.3711



12.7557, 6.5110, 3.5250



0.3340, 0.1679, 0.2101

Previews

White Background



This preview shows how the XYZ color 33.1019, 37.0979, 39.5984 looks on a white background.

Color Contrast Check

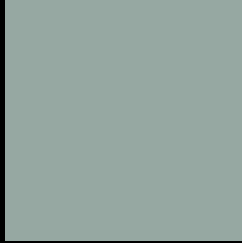
Large Text (above 18pt) WCAG AA × Fail

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 33.1019, 37.0979, 39.5984 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

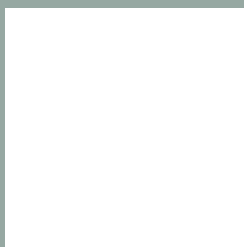
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1019, 37.0979, 39.5984

Background



This preview shows how black text looks on a background with the XYZ color 33.1019, 37.0979, 39.5984.



This preview shows how white text looks on a background with the XYZ color 33.1019, 37.0979,

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

33.1019, 37.0979, 39.5984

Protanopia

35.5037, 37.0224, 38.0757

Deuteranopia

37.6894, 37.0603, 40.2889



Tritanopia

34.7287, 36.9372, 47.9470

Trichromacy



Original Color

33.1019, 37.0979, 39.5984

Protanomaly

34.4982, 37.0254, 38.5861

Deuteranomaly

35.6796, 36.8098, 39.8748

Tritanomaly

34.1279, 36.9650, 44.8714

Monochromacy



Original Color

33.1019, 37.0979, 39.5984

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.8976, 36.4287, 39.4273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1019, 37.0979, 39.5984 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(150, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 168, 162)  
}
```

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(150, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 33.1019, 37.0979, 39.5984 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(150, 168, 162) }
```


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

```
.border{ border-color:rgb(150, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 168,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1019, 37.0979, 39.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 168, 162) }
```

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

```
.background{ background-color: rgb(150,  
168, 162) }
```

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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