

Converting Colors

XYZ(33.8342, 35.0256, 40.2449)

Have a look what the booklet for
XYZ(33.8342, 35.0256, 40.2449)
contains.

XYZ(33.7969, 35.0537, 40.1067)	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(33.7969, 35.0537,
40.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	A19FA4
RGB	161, 159, 164
RGB Percent	63%, 62%, 64%
CMY	0.3686, 0.3765, 0.3569
CMYK	0.02, 0.03, 0.00, 0.36
HSL	264°, 3%, 63%
HSV	264°, 3%, 64%
XYZ	33.7969, 35.0537, 40.1067
YIQ	160.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

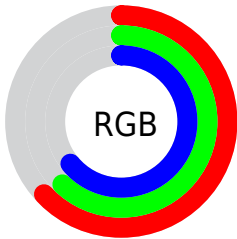
Format	Color
RYB	161, 159, 164
Decimal	10592164
CIELab	65.79, 1.68, -2.35
CIElCh	66, 2.890, 305.620
Yxy	35.0537, 0.3102, 0.3217
Android (android.graphics.Color)	4288782244 (0xFFA19FA4)
YUV	160.1680, 1.8892, 0.7297
Hunter-Lab	59.2062, -1.7169, 1.2808

Details

The XYZ color **33.7969, 35.0537, 40.1067** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4351, 36.7365, 38.0786**, and the grayscale version is **33.4836, 35.2274, 38.3626**.

A 20% lighter version of the original color is **65.1517, 67.8065, 76.6719**, and **14.7176, 15.2100, 17.4894** is the 20% darker color. If you saturate the color by 10%, you get **29.2553, 28.8007, 39.1396**, and if you desaturate by 10%, it is **38.8710, 42.1387, 41.2073**.

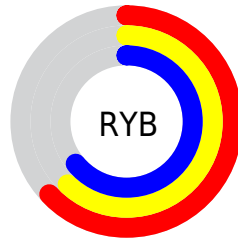
Distribution



Red (63%)

Green (62%)

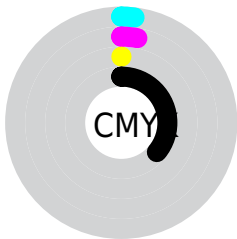
Blue (64%)



Red (63%)

Yellow (62%)

Blue (64%)

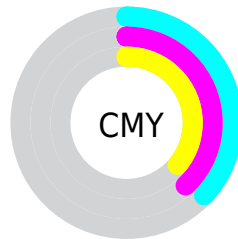


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7969, 35.0537, 40.1067 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 33.7969, 35.0537, 40.1067 by changing the saturation by 10% instead.

■ 33.7969, 35.0537,
40.1067

■ 33.7969, 35.0537,
40.1067

310.8274,
324.8053, 362.1385

■ 22.8998, 23.7042,
27.3073

■ 64.9641, 67.5689,
76.5648

■ 14.6398, 15.1144,
17.5697

■ 85.9649, 89.5035,
101.0607

■ 8.6516, 8.8997,
10.4753

111.0642,
115.7353, 130.2924

■ 4.5700, 4.6758,
5.6055

140.6275,
146.6486, 164.6786

■ 2.0294, 2.0583,
2.5418

175.0202,
182.6278, 204.6378

■ 0.6504, 0.6410,
0.8622

214.6074,

■ 0.0000, 0.0000,

224.0575, 250.5884

0.0000

259.7547,
271.3218, 302.9492

■ 33.7969, 35.0537,
40.1067

■ 33.7969, 35.0537,
40.1067

■ 29.2553, 28.8007,
39.1396

■ 38.8710, 42.1387,
41.2073

■ 25.2249, 23.3441,
38.2988

■ 44.4919, 50.0805,
42.4440

■ 21.6875, 18.6522,
37.5797

■ 50.6770, 58.9086,
43.8220

■ 18.6226, 14.6897,
36.9764

■ 57.4420, 68.6498,
45.3457

■ 16.0079, 11.4183,
36.4827

■ 64.8021, 79.3294,
47.0192

■ 13.8194, 8.7960,
36.0919

■ 71.9999, 89.4283,
48.5891

■ 12.0306, 6.7762,
35.7963

■ 75.0699, 91.0109,
48.7327

■ 10.6113, 5.3058,
35.5873

■ 78.3184, 92.6856,
48.8848

■ 9.5265, 4.3216,
35.4545

■ 81.7483, 94.4537,
49.0453

Harmonies

Analogous

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



33.3978, 35.0537, 40.5504



33.7969, 35.0537, 40.1067



34.0693, 35.0537, 39.1442

Triad

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



33.7969, 35.0537, 40.1067



33.6568, 35.0537, 36.0701



32.5088, 35.0537, 38.3978

Complementary

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



33.7969, 35.0537, 40.1067



34.4351, 36.7365, 38.0786

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.



32.5769, 35.0537, 37.2072



33.7969, 35.0537, 40.1067



33.2373, 35.0537, 35.8799

Square

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



33.7969, 35.0537, 40.1067



33.9879, 35.0537, 36.8173



32.8426, 35.0537, 36.2919



32.6560, 35.0537, 39.5504

Rectangle

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



33.7969, 35.0537, 40.1067



34.1410, 35.0537, 38.3470



32.8426, 35.0537, 36.2919



32.5073, 35.0537, 37.9886

Sweetspot

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



33.7979, 35.0552, 40.1075



63.1368, 66.1145, 73.1860



33.9352, 35.9225, 40.2676



13.8144, 14.4699, 16.0024



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



33.7979, 35.0552, 40.1075



60.4563, 62.3944, 72.6093



34.2898, 35.3088, 40.1305



7.4352, 7.6527, 8.9883



6.8877, 2.9572, 27.1376



0.1972, 0.0892, 0.5727

Inverse Universe

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



34.2309, 35.2991, 39.1936



61.5026, 62.9838, 70.3965



33.9488, 36.4857, 38.0559



7.5822, 7.7355, 8.6770



13.4700, 6.7440, 9.6655



0.3054, 0.1507, 0.3211

Previews

White Background



This preview shows how the XYZ color 33.7969, 35.0537, 40.1067 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 33.7969, 35.0537, 40.1067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

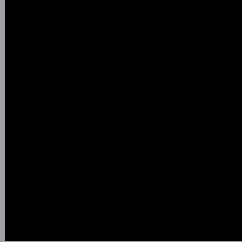
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.7969, 35.0537, 40.1067

Background



This preview shows how black text looks on a background with the XYZ color 33.7969, 35.0537, 40.1067.



This preview shows how white text looks on a background with the XYZ color 33.7969, 35.0537,

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

33.7969, 35.0537, 40.1067

Protanopia

33.7969, 35.0537, 40.1067

Deuteranopia

35.7465, 35.0435, 40.4773



Tritanopia

34.3829, 35.0374, 42.9809

Trichromacy



Original Color

33.7969, 35.0537, 40.1067

Protanomaly

33.7969, 35.0537, 40.1067

Deuteranomaly

35.0422, 34.9286, 40.4923

Tritanomaly

34.1950, 34.9623, 41.9919

Monochromacy



Original Color

33.7969, 35.0537, 40.1067

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.5010, 35.1884, 38.7446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7969, 35.0537, 40.1067 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(161, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 159, 164)  
}
```

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(161, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 33.7969, 35.0537, 40.1067 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(161, 159, 164) }
```


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

```
.border{ border-color:rgb(161, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7969, 35.0537, 40.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 159, 164) }
```

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

```
.background{ background-color: rgb(161,  
159, 164) }
```

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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