

Converting Colors

XYZ(33.1054, 34.9503, 37.9880)

Have a look what the booklet for
XYZ(33.1054, 34.9503, 37.9880)
contains.

XYZ(33.1269, 35.0157, 37.8136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(33.1269, 35.0157,
37.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA09F
RGB	159, 160, 159
RGB Percent	62%, 63%, 62%
CMY	0.3765, 0.3725, 0.3765
CMYK	0.01, 0.00, 0.01, 0.37
HSL	120°, 1%, 63%
HSV	120°, 1%, 63%
XYZ	33.1269, 35.0157, 37.8136
YIQ	159.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

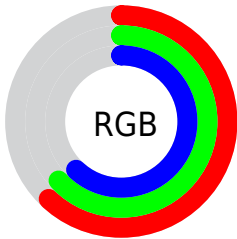
Format	Color
R _Y B	159, 160, 160
Decimal	10461343
CIE Lab	65.76, -0.55, 0.39
CIE LCh	66, 0.669, 144.727
Yxy	35.0157, 0.3126, 0.3305
Android (android.graphics.Color)	4288651423 (0xFF9FA09F)
YUV	159.5870, -0.2894, -0.5148
Hunter-Lab	59.1741, -3.6265, 3.5342

Details

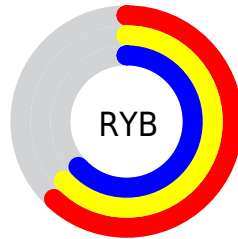
The XYZ color **33.1269, 35.0157, 37.8136** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2417, 34.8088, 38.2262**, and the grayscale version is **33.2258, 34.9561, 38.0672**.

A 20% lighter version of the original color is **64.1696, 67.7521, 73.3137**, and **14.3598, 15.2081, 16.3660** is the 20% darker color. If you saturate the color by 10%, you get **28.8578, 32.9661, 30.8290**, and if you desaturate by 10%, it is **37.9883, 37.3519, 45.7656**.

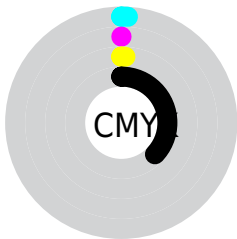
Distribution



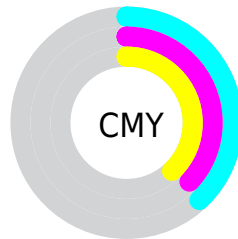
- Red (62%)
- Green (63%)
- Blue (62%)



- Red (62%)
- Yellow (63%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1269, 35.0157, 37.8136 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 33.1269, 35.0157, 37.8136 by changing the saturation by 10% instead.

■ 33.1269, 35.0157,
37.8136

■ 33.1269, 35.0157,
37.8136

307.8760,
324.6376, 352.0939

■ 22.3834, 23.6750,
25.5373

■ 63.9270, 67.5101,
73.0226

■ 14.2570, 15.0927,
16.2552

■ 84.7142, 89.4325,
96.7924

■ 8.3826, 8.8845,
9.5486

109.5801,
115.6510, 125.2305

■ 4.3946, 4.6659,
4.9990

138.8899,
146.5499, 158.7554

■ 1.9277, 2.0526,
2.1880

173.0090,
182.5136, 197.7856

■ 0.5928, 0.6378,
0.6674

212.3029,

■ 0.0000, 0.0000,

223.9266, 242.7398

0.0000

257.1368,
271.1731, 294.0363

■ 33.1269, 35.0157,
37.8136

■ 33.1269, 35.0157,
37.8136

■ 28.8578, 32.9661,
30.8290

■ 37.9883, 37.3519,
45.7656

■ 25.1557, 31.1878,
24.7728

■ 43.4604, 39.9804,
54.7177

■ 21.9975, 29.6707,
19.6066

■ 49.5643, 42.9124,
64.7035

■ 19.3576, 28.4027,
15.2884

■ 56.3194, 46.1571,
75.7547

■ 17.2084, 27.3703,
11.7730

■ 63.7441, 49.7236,
87.9016

■ 15.5197, 26.5591,
9.0109

■ 71.8557, 53.6199,
101.1702

■ 14.2578, 25.9530,
6.9471

■ 71.8614, 53.6229,
101.1705

■ 13.3845, 25.5335,
5.5192

■ 12.8551, 25.2792,
4.6537

Harmonies

Analogous

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



33.2022, 35.0157, 37.6353



33.1269, 35.0157, 37.8136



33.0930, 35.0157, 38.0763

Triad

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



33.1269, 35.0157, 37.8136



33.2640, 35.0157, 38.6691



33.4538, 35.0157, 37.8996

Complementary

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



33.1269, 35.0157, 37.8136



33.2417, 34.8088, 38.2262

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.



33.4704, 35.0157, 38.1760



33.1269, 35.0157, 37.8136



33.3607, 35.0157, 38.6212

Square

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



33.1269, 35.0157, 37.8136



33.1721, 35.0157, 38.5709



33.4363, 35.0157, 38.4404



33.3909, 35.0157, 37.6848

Rectangle

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



33.1269, 35.0157, 37.8136



33.0984, 35.0157, 38.2643



33.4363, 35.0157, 38.4404



33.4650, 35.0157, 37.9883

Sweetspot

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



33.1279, 35.0172, 37.8144



60.6688, 63.8283, 69.5090



33.3246, 35.1143, 37.8227



13.3056, 13.9985, 15.2444



76.7382, 80.7346, 87.9200

Same Dimension

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



33.1279, 35.0172, 37.8144



59.8234, 63.4222, 68.1259



33.1700, 35.0340, 38.0363



7.3473, 7.7837, 8.3718



9.7928, 19.5851, 3.2642



0.1751, 0.3502, 0.0584

Inverse Universe

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



33.2417, 34.8088, 38.2262



60.1587, 62.8083, 69.3390



33.1994, 34.7919, 38.0033



7.3846, 7.7154, 8.5067



16.2309, 7.7964, 26.5566



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 33.1269, 35.0157, 37.8136 looks on a white background.

Color Contrast Check

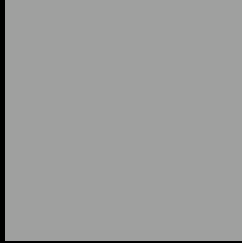
Large Text (above 18pt) WCAG AA × Fail

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 33.1269, 35.0157, 37.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

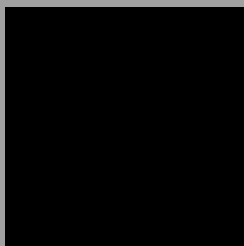
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

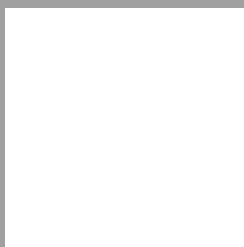
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1269, 35.0157, 37.8136

Background



This preview shows how black text looks on a background with the XYZ color 33.1269, 35.0157, 37.8136.



This preview shows how white text looks on a background with the XYZ color 33.1269, 35.0157,

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

33.1269, 35.0157, 37.8136

Protanopia

33.6739, 35.0514, 37.3385

Deuteranopia

35.7457, 35.0947, 38.1477



Tritanopia

34.2755, 34.9711, 43.4717

Trichromacy



Original Color

33.1269, 35.0157, 37.8136

Protanomaly

33.4700, 34.9463, 37.3290

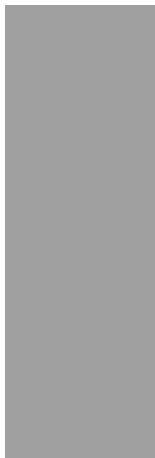
Deuteranomaly

34.7643, 35.0870, 38.1979

Tritanomaly

33.8704, 35.0599, 41.5413

Monochromacy



Original Color

33.1269, 35.0157, 37.8136

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.4132, 35.1533, 38.2819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1269, 35.0157, 37.8136 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(159, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 159)  
}
```

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(159, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 159) }
```

Border

The CSS property to change the border of an element to XYZ 33.1269, 35.0157, 37.8136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

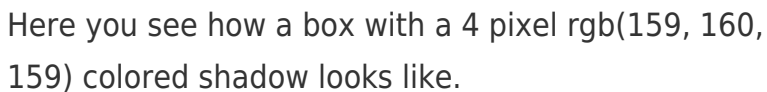
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 160, 159) }
```

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

```
.border{ border-color:rgb(159, 160, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 160, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 160, 159); box-shadow:4px 4px 4px 4px rgb(159, 160, 159) }
```


Background

The CSS property to change the background color of an element to XYZ 33.1269, 35.0157, 37.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 159) }
```

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

```
.background{ background-color: rgb(159,  
160, 159) }
```

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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