

Converting Colors

XYZ(33.1200, 35.8592, 37.3928)

Have a look what the booklet for
XYZ(33.1200, 35.8592, 37.3928)
contains.

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Color

**XYZ(33.1734, 35.8311,
37.5154)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA39E
RGB	157, 163, 158
RGB Percent	62%, 64%, 62%
CMY	0.3843, 0.3608, 0.3804
CMYK	0.04, 0.00, 0.03, 0.36
HSL	130°, 3%, 63%
HSV	130°, 4%, 64%
XYZ	33.1734, 35.8311, 37.5154
YIQ	160.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

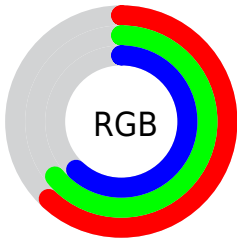
Format	Color
RYB	157, 162, 163
Decimal	10331038
CIELab	66.39, -3.10, 1.84
CIElCh	66, 3.603, 149.242
Yxy	35.8311, 0.3114, 0.3364
Android (android.graphics.Color)	4288521118 (0xFF9DA39E)
YUV	160.6360, -1.2995, -3.1888
Hunter-Lab	59.8591, -5.8302, 4.7426

Details

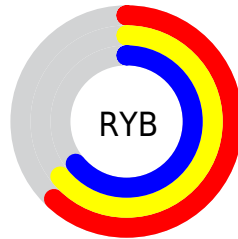
The XYZ color **33.1734, 35.8311, 37.5154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6842, 34.5101, 39.0700**, and the grayscale version is **33.7148, 35.4706, 38.6274**.

A 20% lighter version of the original color is **64.2330, 68.9440, 72.8729**, and **14.2821, 15.4946, 16.1479** is the 20% darker color. If you saturate the color by 10%, you get **29.0975, 33.8586, 31.5543**, and if you desaturate by 10%, it is **37.8050, 38.0771, 44.1788**.

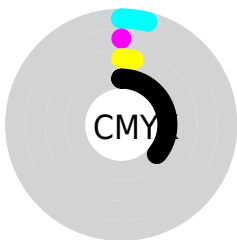
Distribution



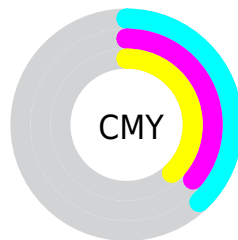
- Red (62%)
- Green (64%)
- Blue (62%)



- Red (62%)
- Yellow (64%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1734, 35.8311, 37.5154 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 33.1734, 35.8311, 37.5154 by changing the saturation by 10% instead.

■ 33.1734, 35.8311,
37.5154

■ 33.1734, 35.8311,
37.5154

308.0815,
328.2217, 350.7722

■ 22.4192, 24.3038,
25.3079

■ 63.9990, 68.7713,
72.5599

■ 14.2836, 15.5591,
16.0855

■ 84.8011, 90.9530,
96.2340

■ 8.4012, 9.2127,
9.4297

109.6833,
117.4549, 124.5674

■ 4.4067, 4.8802,
4.9219

139.0108,
148.6614, 157.9786

■ 1.9347, 2.1771,
2.1435

173.1490,
184.9569, 196.8861

■ 0.5969, 0.7075,
0.6415

212.4633,

■ 0.0000, 0.0000,

226.7259, 241.7085

0.0000

257.3190,
274.3527, 292.8644

■ 33.1734, 35.8311,
37.5154

■ 33.1734, 35.8311,
37.5154

■ 29.0975, 33.8586,
31.5543

■ 37.8050, 38.0771,
44.1788

■ 25.5533, 32.1448,
26.2704

■ 43.0089, 40.6018,
51.5640

■ 22.5198, 30.6803,
21.6404

■ 48.8050, 43.4158,
59.6926

■ 19.9730, 29.4533,
17.6388

■ 55.2111, 46.5281,
68.5846

■ 17.8874, 28.4513,
14.2385

■ 62.2444, 49.9471,
78.2592

■ 16.2349, 27.6603,
11.4104

■ 69.9214, 53.6808,
88.7349

■ 14.9844, 27.0650,
9.1230

■ 72.0830, 54.5538,
99.7407

■ 14.1005, 26.6478,
7.3416

■ 72.3879, 54.6757,
101.3460

■ 13.5412, 26.3880,
6.0276

Harmonies

Analogous

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



33.5526, 35.8311, 36.4806



33.1734, 35.8311, 37.5154



33.0304, 35.8311, 38.9747

Triad

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



33.1734, 35.8311, 37.5154



34.0427, 35.8311, 42.0582



34.9689, 35.8311, 37.5817

Complementary

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



33.1734, 35.8311, 37.5154



33.6842, 34.5101, 39.0700

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.



35.1034, 35.8311, 39.0533



33.1734, 35.8311, 37.5154



34.5652, 35.8311, 41.6620

Square

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



33.1734, 35.8311, 37.5154



33.5290, 35.8311, 41.6210



34.9549, 35.8311, 40.5519



34.5892, 35.8311, 36.5182

Rectangle

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



33.1734, 35.8311, 37.5154



33.0871, 35.8311, 40.0005



34.9549, 35.8311, 40.5519



35.0444, 35.8311, 38.0438

Sweetspot

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



33.1744, 35.8326, 37.5162



61.5204, 65.1929, 70.2394



34.1051, 36.3223, 37.1122



13.8278, 14.6471, 15.7907



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.



33.1744, 35.8326, 37.5162



59.1053, 64.0227, 66.7436



33.4272, 35.9338, 38.8475



7.4722, 8.1269, 8.4201



10.3460, 20.4248, 4.2728



0.2302, 0.4343, 0.1571

Inverse Universe

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



33.6842, 34.5101, 39.0700



60.1128, 61.4090, 69.8144



33.4291, 34.4081, 37.7269



7.6176, 7.7497, 8.8633



15.1985, 7.4355, 18.7679



0.3320, 0.1613, 0.4610

Previews

White Background



This preview shows how the XYZ color 33.1734, 35.8311, 37.5154 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 33.1734, 35.8311, 37.5154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

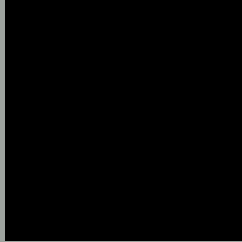
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1734, 35.8311, 37.5154

Background



This preview shows how black text looks on a background with the XYZ color 33.1734, 35.8311, 37.5154.



This preview shows how white text looks on a background with the XYZ color 33.1734, 35.8311,

37.5154.

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

33.1734, 35.8311, 37.5154

Protanopia

34.3477, 35.9234, 37.0219

Deuteranopia

36.2779, 35.6272, 37.7656



Tritanopia

34.5858, 35.8778, 44.6374

Trichromacy



Original Color

33.1734, 35.8311, 37.5154

Protanomaly

33.9064, 35.9564, 37.0515

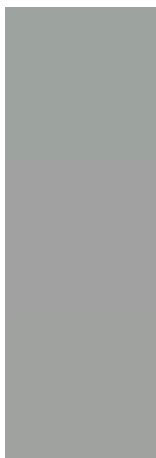
Deuteranomaly

35.2337, 35.8455, 37.8628

Tritanomaly

34.0888, 35.9369, 42.1856

Monochromacy



Original Color

33.1734, 35.8311, 37.5154

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.7627, 35.8523, 38.3984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1734, 35.8311, 37.5154 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, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 158)  
}
```

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, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 158) }
```

Border

The CSS property to change the border of an element to XYZ 33.1734, 35.8311, 37.5154 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, 163, 158) }
```


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

```
.border{ border-color:rgb(157, 163, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 163, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 163, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 163, 158);  
box-shadow:4px 4px 4px 4px rgb(157, 163,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1734, 35.8311, 37.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 158) }
```

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

```
.background{ background-color: rgb(157,  
163, 158) }
```

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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