

Converting Colors

XYZ(33.5741, 38.1454, 39.1264)

Have a look what the booklet for
XYZ(33.5741, 38.1454, 39.1264)
contains.

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Color

**XYZ(33.5736, 38.1831,
39.3188)**

Conversions

Conversions Part 1

Format	Color
Hex	96ABA1
RGB	150, 171, 161
RGB Percent	59%, 67%, 63%
CMY	0.4118, 0.3294, 0.3686
CMYK	0.12, 0.00, 0.06, 0.33
HSL	151°, 11%, 63%
HSV	151°, 12%, 67%
XYZ	33.5736, 38.1831, 39.3188
YIQ	163.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

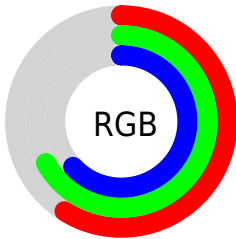
Format	Color
RYB	150, 164, 171
Decimal	9874337
CIELab	68.16, -9.29, 2.67
CIElCh	68, 9.669, 163.949
Yxy	38.1831, 0.3023, 0.3438
Android (android.graphics.Color)	4288064417 (0xFF96ABA1)
YUV	163.5810, -1.2724, -11.9105
Hunter-Lab	61.7925, -11.1527, 5.5283

Details

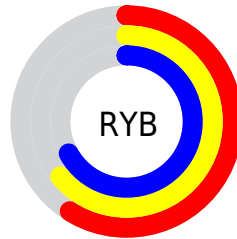
The XYZ color **33.5736, 38.1831, 39.3188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0475, 33.0096, 37.8364**, and the grayscale version is **35.0975, 36.9253, 40.2116**.

A 20% lighter version of the original color is **64.4929, 72.1879, 75.5003**, and **14.5569, 16.9721, 17.2606** is the 20% darker color. If you saturate the color by 10%, you get **29.9588, 36.4010, 35.5223**, and if you desaturate by 10%, it is **37.6965, 40.2239, 43.3849**.

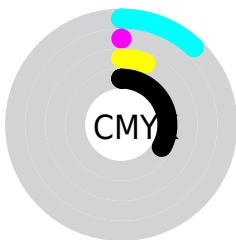
Distribution



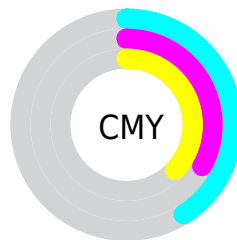
- Red (59%)
- Green (67%)
- Blue (63%)



- Red (59%)
- Yellow (64%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (41%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5736, 38.1831, 39.3188 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 33.5736, 38.1831, 39.3188 by changing the saturation by 10% instead.

■ 33.5736, 38.1831,
39.3188

■ 33.5736, 38.1831,
39.3188

309.8460,
338.4048, 358.7103

■ 22.7276, 26.1248,
26.6981

■ 64.6187, 72.3887,
75.3508

■ 14.5121, 16.9170,
17.1162

■ 85.5485, 95.3048,
99.5991

■ 8.5617, 10.1754,
10.1545

110.5703,
122.6090, 128.5604

■ 4.5112, 5.5154,
5.3946

140.0494,
154.6856, 162.6533

■ 1.9952, 2.5527,
2.4178

174.3511,
191.9191, 202.2961

■ 0.6313, 0.9030,
0.7961

213.8409,

■ 0.0000, 0.0000,

234.6939, 247.9076

0.0000

258.8841,
283.3943, 299.9061

■ 33.5736, 38.1831,
39.3188

■ 33.5736, 38.1831,
39.3188

■ 29.9588, 36.4010,
35.5223

■ 37.6965, 40.2239,
43.3849

■ 26.8283, 34.8622,
31.9873

■ 42.3439, 42.5285,
47.7235

■ 24.1610, 33.5569,
28.7089

■ 47.5352, 45.1079,
52.3406

■ 21.9329, 32.4730,
25.6810

■ 53.2879, 47.9710,
57.2413

■ 20.1179, 31.5970,
22.8974

■ 59.6187, 51.1263,
62.4306

■ 18.6867, 30.9141,
20.3514

■ 66.5436, 54.5821,
67.9132

■ 17.6062, 30.4072,
18.0361

■ 68.4598, 55.4498,
73.4310

■ 16.8369, 30.0562,
15.9439

■ 69.5523, 55.8868,
79.1836

■ 16.3906, 29.8581,
14.4750

■ 70.6978, 56.3450,
85.2159

Harmonies

Analogous

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



34.3147, 38.1831, 35.8732



33.5736, 38.1831, 39.3188



33.5474, 38.1831, 43.6109

Triad

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



33.5736, 38.1831, 39.3188



36.9960, 38.1831, 50.1747



38.4218, 38.1831, 36.0690

Complementary

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



33.5736, 38.1831, 39.3188



34.0475, 33.0096, 37.8364

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.



39.1821, 38.1831, 39.6033



33.5736, 38.1831, 39.3188



38.3436, 38.1831, 47.8508

Square

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



33.5736, 38.1831, 39.3188



35.4953, 38.1831, 50.0853



39.1531, 38.1831, 43.9157



37.1003, 38.1831, 34.0877

Rectangle

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



33.5736, 38.1831, 39.3188



33.9372, 38.1831, 46.3916



39.1531, 38.1831, 43.9157



38.7531, 38.1831, 37.1037

Sweetspot

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



33.5747, 38.1847, 39.3196



66.1208, 71.3477, 76.3584



34.5965, 38.8187, 34.5239



14.6193, 15.8485, 16.9061



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.5747, 38.1847, 39.3196



58.1026, 67.3834, 68.3375



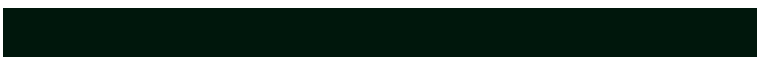
34.4266, 38.4198, 44.1314



8.0731, 9.0068, 9.4100



12.3822, 22.5182, 11.0525



0.3719, 0.6374, 0.4519

Inverse Universe

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



34.0475, 33.0096, 37.8364



59.1337, 56.0973, 65.1030



33.2630, 32.7853, 33.4296



8.1581, 8.0765, 9.1434



13.8190, 6.9902, 6.6924



0.4122, 0.2056, 0.3324

Previews

White Background



This preview shows how the XYZ color 33.5736, 38.1831, 39.3188 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 33.5736, 38.1831, 39.3188 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

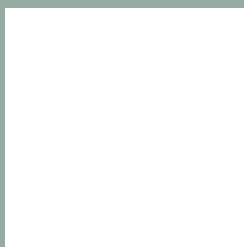
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5736, 38.1831, 39.3188

Background



This preview shows how black text looks on a background with the XYZ color 33.5736, 38.1831, 39.3188.



This preview shows how white text looks on a background with the XYZ color 33.5736, 38.1831,

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

33.5736, 38.1831, 39.3188

Protanopia

36.4213, 38.0368, 37.7700

Deuteranopia

38.7101, 37.8532, 39.9165



Tritanopia

35.4800, 38.1138, 49.2028

Trichromacy



Original Color

33.5736, 38.1831, 39.3188

Protanomaly

35.1810, 37.9272, 38.2673

Deuteranomaly

36.5916, 37.8175, 39.5533

Tritanomaly

34.7768, 38.1073, 45.5669

Monochromacy



Original Color

33.5736, 38.1831, 39.3188

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.7277, 37.6527, 40.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5736, 38.1831, 39.3188 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, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(150, 171, 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(150, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 171, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.5736, 38.1831, 39.3188 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, 171, 161) }
```


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

```
.border{ border-color:rgb(150, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(150, 171,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5736, 38.1831, 39.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 171, 161) }
```

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

```
.background{ background-color: rgb(150,  
171, 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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