

Converting Colors

XYZ(33.1132, 34.0249, 37.8867)

Have a look what the booklet for
XYZ(33.1132, 34.0249, 37.8867)
contains.

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Color

**XYZ(33.1339, 33.9964,
38.0733)**

Conversions

Conversions Part 1

Format	Color
Hex	A29CA0
RGB	162, 156, 160
RGB Percent	64%, 61%, 63%
CMY	0.3647, 0.3882, 0.3725
CMYK	0.00, 0.04, 0.01, 0.36
HSL	320°, 3%, 62%
HSV	320°, 4%, 64%
XYZ	33.1339, 33.9964, 38.0733
YIQ	158.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

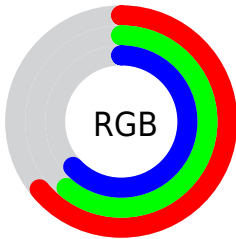
Format	Color
R_{YB}	162, 156, 160
Decimal	10656928
CIE _{Lab}	64.96, 2.93, -1.32
CIE _{LCh}	65, 3.214, 335.825
Yxy	33.9964, 0.3150, 0.3231
Android (android.graphics.Color)	4288847008 (0xFFA29CA0)
YUV	158.2500, 0.8628, 3.2887
Hunter-Lab	58.3064, -0.5997, 2.0989

Details

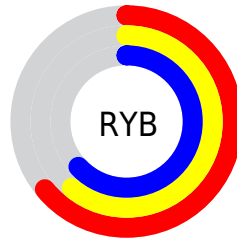
The XYZ color **33.1339, 33.9964, 38.0733** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8035, 35.3780, 37.4492**, and the grayscale version is **32.6091, 34.3074, 37.3607**.

A 20% lighter version of the original color is **63.9276, 65.7512, 73.6119**, and **14.2423, 14.5223, 16.5204** is the 20% darker color. If you saturate the color by 10%, you get **30.1327, 28.7335, 34.7919**, and if you desaturate by 10%, it is **36.5202, 39.9956, 41.5852**.

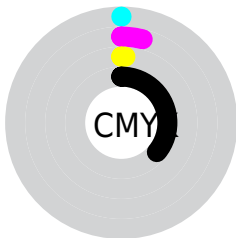
Distribution



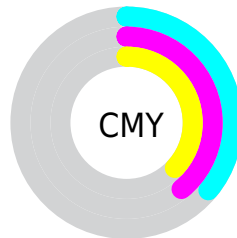
- Red (64%)
- Green (61%)
- Blue (63%)



- Red (64%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1339, 33.9964, 38.0733 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 33.1339, 33.9964, 38.0733 by changing the saturation by 10% instead.

■ 33.1339, 33.9964,
38.0733

■ 33.1339, 33.9964,
38.0733

307.9070,
320.1160, 353.2419

■ 22.3888, 22.8908,
25.7373

■ 63.9378, 65.9281,
73.4251

■ 14.2610, 14.5129,
16.4032

■ 84.7273, 87.5230,
97.2781

■ 8.3854, 8.4783,
9.6525

109.5956,
113.3831, 125.8071

■ 4.3964, 4.4025,
5.0666

138.9081,
143.8928, 159.4307

■ 1.9287, 1.9012,
2.2270

173.0301,
179.4366, 198.5674

■ 0.5935, 0.5491,
0.6899

212.3270,

■ 0.0000, 0.0000,

220.3988, 243.6358

0.0000

257.1642,
267.1638, 295.0545

■ 33.1339, 33.9964,
38.0733

■ 33.1339, 33.9964,
38.0733

■ 30.1327, 28.7335,
34.7919

■ 36.5202, 39.9956,
41.5852

■ 27.4991, 24.1739,
31.7327

■ 40.3023, 46.7537,
45.3313

■ 25.2187, 20.2886,
28.8900

■ 44.4943, 54.2979,
49.3178

■ 23.2748, 17.0449,
26.2569

■ 49.1086, 62.6525,
53.5501

■ 21.6497, 14.4073,
23.8262

■ 54.1570, 71.8409,
58.0333

■ 20.3235, 12.3369,
21.5899

■ 59.6509, 81.8855,
62.7723

■ 19.2743, 10.7902,
19.5392

■ 60.8325, 83.2703,
66.1825

■ 18.4769, 9.7175,
17.6643

■ 61.4662, 83.5238,
69.5196

■ 17.9014, 9.0590,
15.9538

■ 62.1224, 83.7862,
72.9750

Harmonies

Analogous

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



32.8379, 33.9964, 39.1284



33.1339, 33.9964, 38.0733



33.2089, 33.9964, 36.7574

Triad

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



33.1339, 33.9964, 38.0733



32.2220, 33.9964, 34.5305



31.5941, 33.9964, 38.5331

Complementary

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



33.1339, 33.9964, 38.0733



32.8035, 35.3780, 37.4492

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.



31.4325, 33.9964, 37.2764



33.1339, 33.9964, 38.0733



31.7928, 33.9964, 34.9816

Square

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



33.1339, 33.9964, 38.0733



32.6796, 33.9964, 34.7323



31.5049, 33.9964, 35.9790



31.9483, 33.9964, 39.3982

Rectangle

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



33.1339, 33.9964, 38.0733



33.1229, 33.9964, 35.9136



31.5049, 33.9964, 35.9790



31.5156, 33.9964, 38.1413

Sweetspot

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



33.1349, 33.9979, 38.0740



61.7330, 64.5086, 70.7891



32.5119, 33.6564, 38.9656



13.8728, 14.5022, 15.9071



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.



33.1349, 33.9979, 38.0740



59.9372, 61.3388, 68.8898



32.8757, 33.8942, 36.7094



7.5922, 7.7395, 8.7296



13.8909, 6.9124, 11.8818



0.3124, 0.1535, 0.3577

Inverse Universe

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



33.1349, 33.9979, 38.0740



59.9372, 61.3388, 68.8898



33.0647, 35.4825, 38.8250



7.5922, 7.7395, 8.7296



13.8909, 6.9124, 11.8818



0.3124, 0.1535, 0.3577

Previews

White Background



This preview shows how the XYZ color 33.1339, 33.9964, 38.0733 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 33.1339, 33.9964, 38.0733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

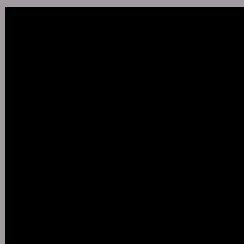
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

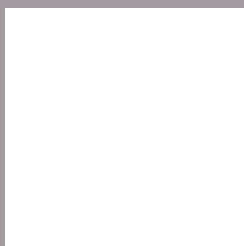
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1339, 33.9964, 38.0733

Background



This preview shows how black text looks on a background with the XYZ color 33.1339, 33.9964, 38.0733.



This preview shows how white text looks on a background with the XYZ color 33.1339, 33.9964,

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

33.1339, 33.9964, 38.0733

Protanopia

32.7002, 34.0229, 38.1013

Deuteranopia

34.6188, 34.0136, 38.4589



Tritanopia

33.8007, 34.0192, 41.3441

Trichromacy



Original Color

33.1339, 33.9964, 38.0733

Protanomaly

32.8993, 34.1256, 38.1106

Deuteranomaly

34.1371, 34.0092, 38.4834

Tritanomaly

33.5264, 33.9096, 39.9001

Monochromacy



Original Color

33.1339, 33.9964, 38.0733

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6131, 33.9881, 37.6423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1339, 33.9964, 38.0733 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(162, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(162, 156, 160)  
}
```

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(162, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 156, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.1339, 33.9964, 38.0733 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(162, 156, 160) }
```


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

```
.border{ border-color:rgb(162, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(162, 156,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1339, 33.9964, 38.0733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 156, 160) }
```

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

```
.background{ background-color: rgb(162,  
156, 160) }
```

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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