

Converting Colors

XYZ(33.6481, 33.0312, 38.3204)

Have a look what the booklet for
XYZ(33.6481, 33.0312, 38.3204)
contains.

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Color

**XYZ(33.6481, 33.0313,
38.3204)**

Conversions

Conversions Part 1

Format	Color
Hex	A897A1
RGB	168, 151, 161
RGB Percent	66%, 59%, 63%
CMY	0.3412, 0.4078, 0.3686
CMYK	0.00, 0.10, 0.04, 0.34
HSL	325°, 9%, 63%
HSV	325°, 10%, 66%
XYZ	33.6481, 33.0313, 38.3204
YIQ	157.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

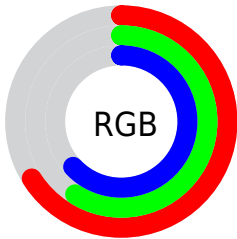
Format	Color
RYB	168, 151, 161
Decimal	11048865
CIELab	64.19, 8.08, -2.95
CIElCh	64, 8.600, 339.912
Yxy	33.0313, 0.3205, 0.3146
Android (android.graphics.Color)	4289238945 (0xFFA897A1)
YUV	157.2230, 1.8621, 9.4514
Hunter-Lab	57.4729, 3.9272, 0.6990

Details

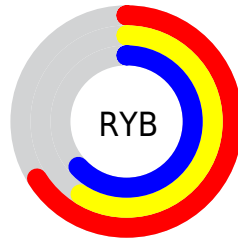
The XYZ color **33.6481, 33.0313, 38.3204** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9380, 37.0541, 37.7658**, and the grayscale version is **32.1387, 33.8124, 36.8217**.

A 20% lighter version of the original color is **64.6574, 64.3085, 73.9707**, and **14.5741, 13.9531, 16.6769** is the 20% darker color. If you saturate the color by 10%, you get **30.5416, 27.7674, 34.3576**, and if you desaturate by 10%, it is **37.1756, 39.0822, 42.5910**.

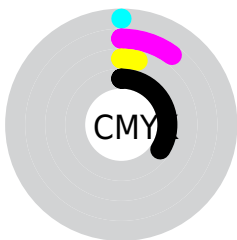
Distribution



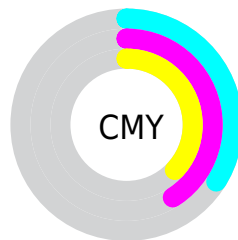
- Red (66%)
- Green (59%)
- Blue (63%)



- Red (66%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (34%)



- Cyan (34%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6481, 33.0313, 38.3204 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 33.6481, 33.0313, 38.3204 by changing the saturation by 10% instead.

■ 33.6481, 33.0313,
38.3204

■ 33.6481, 33.0313,
38.3204

310.1737,
315.7907, 354.3317

■ 22.7850, 22.1504,
25.9277

■ 64.7340, 64.4244,
73.8078

■ 14.5547, 13.9675,
16.5443

■ 85.6875, 85.7054,
97.7396

■ 8.5917, 8.0980,
9.7516

110.7352,
111.2219, 126.3549

■ 4.5308, 4.1577,
5.1311

140.2424,
141.3583, 160.0721

■ 2.0066, 1.7622,
2.2643

174.5745,
176.4990, 199.3099

■ 0.6377, 0.4634,
0.7111

214.0968,

■ 0.0000, 0.0000,

217.0284, 244.4867

0.0000

259.1748,
263.3308, 296.0211

■ 33.6481, 33.0313,
38.3204

■ 33.6481, 33.0313,
38.3204

■ 30.5416, 27.7674,
34.3576

■ 37.1756, 39.0822,
42.5910

■ 27.8364, 23.2536,
30.6921

■ 41.1370, 45.9464,
47.1750

■ 25.5156, 19.4562,
27.3159

■ 45.5482, 53.6545,
52.0807

■ 23.5599, 16.3376,
24.2199

■ 50.4234, 62.2340,
57.3153

■ 21.9482, 13.8565,
21.3940

■ 55.7762, 71.7114,
62.8858

■ 20.6571, 11.9672,
18.8276

■ 61.6196, 82.1119,
68.7989

■ 19.6601, 10.6177,
16.5087

■ 63.4711, 84.4699,
73.5629

■ 18.9263, 9.7470,
14.4239

■ 64.3491, 84.8211,
78.1860

■ 18.3918, 9.2222,
12.5677

■ 65.2647, 85.1874,
83.0076

Harmonies

Analogous

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



32.9230, 33.0313, 41.3632



33.6481, 33.0313, 38.3204



33.7609, 33.0313, 34.8225

Triad

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



33.6481, 33.0313, 38.3204



30.9936, 33.0313, 29.7507



29.6317, 33.0313, 40.4460

Complementary

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



33.6481, 33.0313, 38.3204



32.9380, 37.0541, 37.7658

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.



29.1428, 33.0313, 37.1332



33.6481, 33.0313, 38.3204



29.9155, 33.0313, 31.0590

Square

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



33.6481, 33.0313, 38.3204



32.2071, 33.0313, 30.0230



29.2453, 33.0313, 33.7091



30.5972, 33.0313, 42.6444

Rectangle

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



33.6481, 33.0313, 38.3204



33.4708, 33.0313, 32.7213



29.2453, 33.0313, 33.7091



29.4074, 33.0313, 39.4173

Sweetspot

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



33.6490, 33.0327, 38.3211



65.4991, 67.5434, 74.9517



32.1971, 32.2109, 41.5666



14.1639, 14.5290, 16.2016



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.6490, 33.0327, 38.3211



59.8123, 57.8163, 67.9801



32.9413, 32.7496, 34.5940



7.7092, 7.6135, 8.7859



13.9145, 6.9745, 9.6271



0.3630, 0.1795, 0.3633

Inverse Universe

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



33.6490, 33.0327, 38.3211



59.8123, 57.8163, 67.9801



33.6767, 37.3496, 41.6557



7.7092, 7.6135, 8.7859



13.9145, 6.9745, 9.6271



0.3630, 0.1795, 0.3633

Previews

White Background



This preview shows how the XYZ color 33.6481, 33.0313, 38.3204 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 33.6481, 33.0313, 38.3204 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 33.6481, 33.0313, 38.3204

Background



This preview shows how black text looks on a background with the XYZ color 33.6481, 33.0313, 38.3204.



This preview shows how white text looks on a background with the XYZ color 33.6481, 33.0313,

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

33.6481, 33.0313, 38.3204

Protanopia

32.0425, 33.1550, 39.3611

Deuteranopia

33.6481, 33.0313, 38.3204



Tritanopia

33.8259, 33.1024, 39.2569

Trichromacy



Original Color

33.6481, 33.0313, 38.3204

Protanomaly

32.5744, 33.1934, 38.8725

Deuteranomaly

33.6481, 33.0313, 38.3204

Tritanomaly

33.7366, 33.0667, 38.7868

Monochromacy



Original Color

33.6481, 33.0313, 38.3204

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5908, 33.4884, 37.0939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6481, 33.0313, 38.3204 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(168, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(168, 151, 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(168, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 151, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.6481, 33.0313, 38.3204 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(168, 151, 161) }
```


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

```
.border{ border-color:rgb(168, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(168, 151,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6481, 33.0313, 38.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 151, 161) }
```

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

```
.background{ background-color: rgb(168,  
151, 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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