

Converting Colors

XYZ(32.9601, 30.7328, 37.8111)

Have a look what the booklet for
XYZ(32.9601, 30.7328, 37.8111)
contains.

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Color

**XYZ(33.0501, 30.8761,
37.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8FA1
RGB	171, 143, 161
RGB Percent	67%, 56%, 63%
CMY	0.3294, 0.4392, 0.3686
CMYK	0.00, 0.16, 0.06, 0.33
HSL	321°, 14%, 62%
HSV	321°, 16%, 67%
XYZ	33.0501, 30.8761, 37.9360
YIQ	153.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

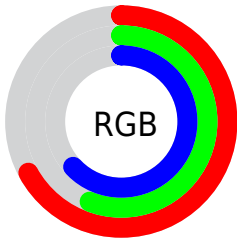
Format	Color
RYB	171, 143, 161
Decimal	11243425
CIELab	62.40, 13.66, -5.55
CIELCh	62, 14.742, 337.865
Yxy	30.8761, 0.3245, 0.3031
Android (android.graphics.Color)	4289433505 (0xFFAB8FA1)
YUV	153.4240, 3.7350, 15.4142
Hunter-Lab	55.5663, 8.9285, -1.5819

Details

The XYZ color **33.0501, 30.8761, 37.9360** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6416, 37.2662, 35.6642**, and the grayscale version is **30.4447, 32.0302, 34.8809**.

A 20% lighter version of the original color is **64.0395, 61.2213, 73.4074**, and **14.3366, 12.8764, 16.4816** is the 20% darker color. If you saturate the color by 10%, you get **30.1508, 25.9182, 34.3769**, and if you desaturate by 10%, it is **36.3688, 36.6299, 41.7654**.

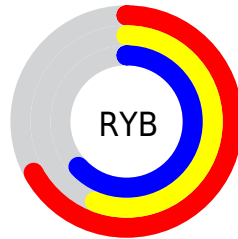
Distribution



Red (67%)

Green (56%)

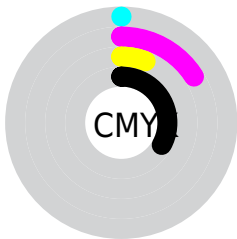
Blue (63%)



Red (67%)

Yellow (56%)

Blue (63%)

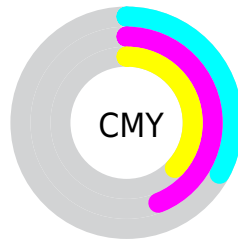


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (33%)



Cyan (33%)


Magenta (44%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0501, 30.8761, 37.9360 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 33.0501, 30.8761, 37.9360 by changing the saturation by 10% instead.


 33.0501, 30.8761,
37.9360


 33.0501, 30.8761,
37.9360


307.5364,
305.9671, 352.6353

 22.3242, 20.5045,
25.6316


 63.8079, 61.0450,
73.2124

 14.2133, 12.7623,
16.3249


 84.5705, 81.6110,
97.0214

 8.3518, 7.2651,
9.5975

109.4095,
106.3440, 125.5024

 4.3746, 3.6284,
5.0308

138.6901,
135.6284, 159.0738

 1.9162, 1.4680,
2.2063

172.7778,
169.8485, 198.1543

 0.5862, 0.2660,
0.6780

212.0378,

 0.0000, 0.0000,

209.3887, 243.1623

0.0000

256.8356,
254.6334, 294.5165

■ 33.0501, 30.8761,
37.9360

■ 33.0501, 30.8761,
37.9360

■ 30.1508, 25.9182,
34.3769

■ 36.3688, 36.6299,
41.7654

■ 27.6502, 21.7166,
31.0784

■ 40.1212, 43.2086,
45.8707

■ 25.5299, 18.2345,
28.0327

■ 44.3240, 50.6451,
50.2595

■ 23.7686, 15.4304,
25.2310

■ 48.9924, 58.9689,
54.9386

■ 22.3433, 13.2585,
22.6635

■ 54.1408, 68.2083,
59.9145

■ 21.2278, 11.6672,
20.3195

■ 59.7829, 78.3904,
65.1934

■ 20.3919, 10.5968,
18.1870

■ 63.4246, 84.5260,
69.9457

■ 19.7945, 9.9656,
16.2499

■ 64.1707, 84.8244,
73.8744

■ 19.6051, 9.7821,
15.5846

■ 64.9458, 85.1344,
77.9560

Harmonies

Analogous

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



31.7679, 30.8761, 43.0715



33.0501, 30.8761, 37.9360



33.3181, 30.8761, 32.1361

Triad

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



33.0501, 30.8761, 37.9360



28.8244, 30.8761, 23.8576



26.4180, 30.8761, 40.8323

Complementary

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



33.0501, 30.8761, 37.9360



31.6416, 37.2662, 35.6642

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.



25.7043, 30.8761, 35.1465



33.0501, 30.8761, 37.9360



27.0520, 30.8761, 25.6614

Square

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



33.0501, 30.8761, 37.9360



30.8179, 30.8761, 24.4247



25.9310, 30.8761, 29.6423



27.9233, 30.8761, 44.8715

Rectangle

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



33.0501, 30.8761, 37.9360



32.8748, 30.8761, 28.7355



25.9310, 30.8761, 29.6423



26.0807, 30.8761, 39.0263

Sweetspot

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



33.0510, 30.8775, 37.9367



65.9526, 67.0301, 75.7149



30.2736, 29.3396, 42.5961



14.6103, 14.7780, 16.7759



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.



33.0510, 30.8775, 37.9367



57.0362, 51.5965, 65.3467



31.9003, 30.4172, 31.8774



8.2138, 8.0988, 9.4366



14.8049, 7.3845, 11.8840



0.4367, 0.2154, 0.4613

Inverse Universe

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



33.0510, 30.8775, 37.9367



57.0362, 51.5965, 65.3467



32.8482, 37.7489, 42.0180



8.2138, 8.0988, 9.4366



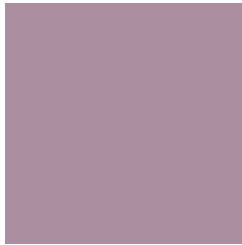
14.8049, 7.3845, 11.8840



0.4367, 0.2154, 0.4613

Previews

White Background



This preview shows how the XYZ color 33.0501, 30.8761, 37.9360 looks on a white background.

Color Contrast Check

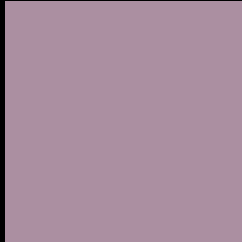
Large Text (above 18pt) WCAG AA × Fail

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 33.0501, 30.8761, 37.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

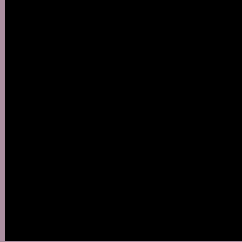
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0501, 30.8761, 37.9360

Background



This preview shows how black text looks on a background with the XYZ color 33.0501, 30.8761, 37.9360.



This preview shows how white text looks on a background with the XYZ color 33.0501, 30.8761,

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

33.0501, 30.8761, 37.9360

Protanopia

30.2756, 31.0133, 39.9878

Deuteranopia

31.4768, 30.9826, 37.5789



Tritanopia

32.4672, 30.8591, 35.2555

Trichromacy



Original Color

33.0501, 30.8761, 37.9360

Protanomaly

31.2351, 30.8169, 39.4239

Deuteranomaly

32.1411, 31.0952, 37.5657

Tritanomaly

32.6366, 30.9269, 36.1476

Monochromacy



Original Color

33.0501, 30.8761, 37.9360

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.2454, 31.3688, 35.8605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0501, 30.8761, 37.9360 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(171, 143, 161)` looks like.

```
.text, #text, p{  
    color:rgb(171, 143, 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(171, 143, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 143, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.0501, 30.8761, 37.9360 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(171, 143, 161) }
```


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

```
.border{ border-color:rgb(171, 143, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 143, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 143, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 143, 161);  
box-shadow:4px 4px 4px 4px rgb(171, 143,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0501, 30.8761, 37.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 143, 161) }
```

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

```
.background{ background-color: rgb(171,  
143, 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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