

Converting Colors

XYZ(37.0500, 33.7227, 57.2367)

Have a look what the booklet for
XYZ(37.0500, 33.7227, 57.2367)
contains.

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Color

**XYZ(37.0301, 33.6460,
57.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	A994C5
RGB	169, 148, 197
RGB Percent	66%, 58%, 77%
CMY	0.3372, 0.4196, 0.2274
CMYK	0.14, 0.25, 0.00, 0.23
HSL	266°, 30%, 68%
HSV	266°, 25%, 77%
XYZ	37.0301, 33.6460, 57.3660
YIQ	159.8650, -3.2130, 19.6910

Conversions

Conversions Part 2

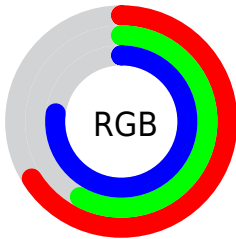
Format	Color
RYB	169, 148, 197
Decimal	11113669
CIELab	64.68, 17.42, -22.43
CIELCh	65, 28.399, 307.837
Yxy	33.6460, 0.2892, 0.2628
Android (android.graphics.Color)	4289303749 (0xFFA994C5)
YUV	159.8650, 18.3076, 8.0114
Hunter-Lab	58.0052, 12.4441, -18.0330

Details

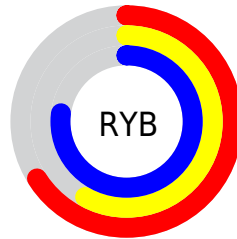
The XYZ color **37.0301, 33.6460, 57.3660** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.2172, 51.3016, 35.6429**, and the grayscale version is **33.2718, 35.0045, 38.1199**.

A 20% lighter version of the original color is **70.0613, 65.4044, 102.6976**, and **16.4351, 14.2456, 27.8700** is the 20% darker color. If you saturate the color by 10%, you get **31.8873, 26.7921, 56.3147**, and if you desaturate by 10%, it is **42.9089, 41.6617, 58.6039**.

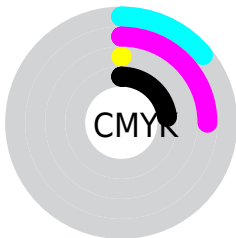
Distribution



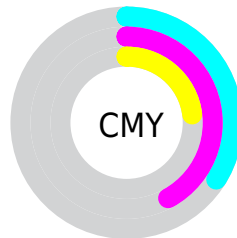
- Red (66%)
- Green (58%)
- Blue (77%)



- Red (66%)
- Yellow (58%)
- Blue (77%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (23%)





- Cyan (34%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0301, 33.6460, 57.3660 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 37.0301, 33.6460, 57.3660 by changing the saturation by 10% instead.


 37.0301, 33.6460,
57.3660


 37.0301, 33.6460,
57.3660


324.7941,
318.5507, 432.3514

 25.4046, 22.6218,
40.8878

 69.9326, 65.3828,
102.5047

 16.5091, 14.3145,
27.9124


 91.9403, 86.8642,
132.0023

 9.9782, 8.3397,
18.0212


118.1394,
112.6000, 166.6767

 5.4467, 4.3131,
10.7956

148.8954,
142.9748, 206.9467

 2.5491, 1.8502,
5.8171

184.5734,
178.3728, 253.2305

 0.9201, 0.5182,
2.6672

225.5390,

 0.0000, 0.0000,

219.1786, 305.9469

0.9269

272.1574,
265.7764, 365.5144

■ 0.0000, 0.0000,
0.0000

■ 37.0301, 33.6460,
57.3660

■ 37.0301, 33.6460,
57.3660

■ 31.8873, 26.7921,
56.3147

■ 42.9089, 41.6617,
58.6039

■ 27.4454, 21.0398,
55.4385

■ 49.5503, 50.8870,
60.0345

■ 23.6711, 16.3299,
54.7283

■ 56.9833, 61.3721,
61.6666

■ 20.5269, 12.5955,
54.1732

■ 65.2345, 73.1632,
63.5076

■ 17.9710, 9.7620,
53.7610

■ 74.3290, 86.3039,
65.5647

■ 15.9556, 7.7430,
53.4775

■ 80.6120, 93.4778,
66.6182

■ 14.4237, 6.4342,
53.3056

■ 84.4801, 95.4719,
66.7993

■ 13.7726, 5.9358,
53.2437

■ 87.0782, 96.8113,
66.9208

Harmonies

Analogous

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



33.0597, 33.6460, 63.6617



37.0301, 33.6460, 57.3660



39.7978, 33.6460, 45.7681

Triad

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



37.0301, 33.6460, 57.3660



35.0271, 33.6460, 19.5362



24.8290, 33.6460, 39.7801

Complementary

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



37.0301, 33.6460, 57.3660



43.2172, 51.3016, 35.6429

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.



25.2587, 33.6460, 28.8053



37.0301, 33.6460, 57.3660



30.9231, 33.6460, 18.5992

Square

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



37.0301, 33.6460, 57.3660



38.5746, 33.6460, 24.5229



27.4104, 33.6460, 21.6179



26.1825, 33.6460, 52.1939

Rectangle

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



37.0301, 33.6460, 57.3660



40.4648, 33.6460, 37.4884



27.4104, 33.6460, 21.6179



24.7720, 33.6460, 35.7943

Sweetspot

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



37.0312, 33.6474, 57.3667



85.9640, 87.2517, 106.9182



37.9319, 41.6082, 58.8559



18.2393, 18.4516, 22.8501



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.0312, 33.6474, 57.3667



61.0156, 53.1511, 101.6511



42.6400, 36.5389, 57.6292



10.4805, 10.5060, 13.3930



9.1503, 3.9514, 35.0248



0.5158, 0.2296, 1.6623

Inverse Universe

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



41.4534, 36.1861, 45.8755



70.4738, 58.5856, 76.8525



38.2772, 48.7549, 35.4117



10.8836, 10.7368, 12.3701



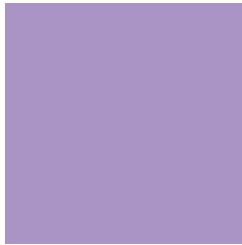
17.1325, 8.6026, 11.1738



0.8470, 0.4216, 0.7174

Previews

White Background



This preview shows how the XYZ color 37.0301, 33.6460, 57.3660 looks on a white background.

Color Contrast Check

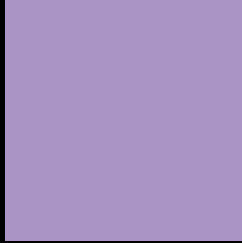
Large Text (above 18pt) WCAG AA × Fail

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 37.0301, 33.6460, 57.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

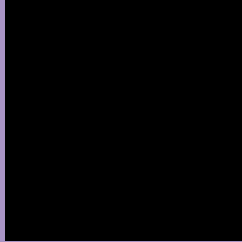
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0301, 33.6460, 57.3660

Background



This preview shows how black text looks on a background with the XYZ color 37.0301, 33.6460, 57.3660.



This preview shows how white text looks on a background with the XYZ color 37.0301, 33.6460,

57.3660.

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

37.0301, 33.6460, 57.3660

Protanopia

34.0591, 33.7267, 60.5919

Deuteranopia

34.4683, 33.7721, 56.9265



Tritanopia

33.7484, 33.7569, 40.8134

Trichromacy



Original Color

37.0301, 33.6460, 57.3660

Protanomaly

34.9800, 33.4966, 59.2654

Deuteranomaly

35.2926, 33.7111, 56.8713

Tritanomaly

34.8899, 33.7378, 46.2681

Monochromacy



Original Color

37.0301, 33.6460, 57.3660

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.5355, 34.5806, 44.3897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0301, 33.6460, 57.3660 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(169, 148, 197)` looks like.

```
.text, #text, p{  
    color:rgb(169, 148, 197)  
}
```

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(169, 148, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 148, 197) }
```

Border

The CSS property to change the border of an element to XYZ 37.0301, 33.6460, 57.3660 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(169, 148, 197) }
```


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

```
.border{ border-color:rgb(169, 148, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 148, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 148, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 148, 197);  
box-shadow:4px 4px 4px 4px rgb(169, 148,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0301, 33.6460, 57.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 148, 197) }
```

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

```
.background{ background-color: rgb(169,  
148, 197) }
```

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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