

Converting Colors

XYZ(37.1441, 33.8909, 54.0129)

Have a look what the booklet for
XYZ(37.1441, 33.8909, 54.0129)
contains.

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Color

**XYZ(37.0071, 33.7121,
53.8468)**

Conversions

Conversions Part 1

Format	Color
Hex	AC94BF
RGB	172, 148, 191
RGB Percent	67%, 58%, 75%
CMY	0.3255, 0.4196, 0.2510
CMYK	0.10, 0.23, 0.00, 0.25
HSL	273°, 25%, 66%
HSV	273°, 23%, 75%
XYZ	37.0071, 33.7121, 53.8468
YIQ	160.0780, 0.5010, 18.4610

Conversions

Conversions Part 2

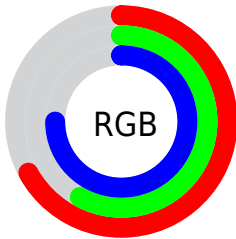
Format	Color
R_{YB}	172, 148, 191
Decimal	11310271
CIE _{Lab}	64.73, 17.12, -18.96
CIE _{LCh}	65, 25.547, 312.069
Yxy	33.7121, 0.2971, 0.2706
Android (android.graphics.Color)	4289500351 (0xFFAC94BF)
YUV	160.0780, 15.2445, 10.4556
Hunter-Lab	58.0621, 12.1620, -14.3420

Details

The XYZ color **37.0071, 33.7121, 53.8468** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.9137, 47.6161, 35.1058**, and the grayscale version is **33.3823, 35.1207, 38.2465**.

A 20% lighter version of the original color is **69.9039, 65.4504, 96.9446**, and **16.3978, 14.2775, 25.5585** is the 20% darker color. If you saturate the color by 10%, you get **32.4611, 27.2828, 52.8459**, and if you desaturate by 10%, it is **42.1672, 41.1936, 55.0194**.

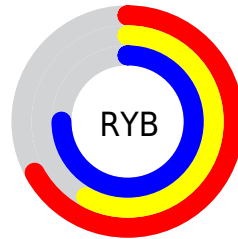
Distribution



Red (67%)

Green (58%)

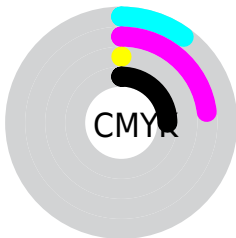
Blue (75%)



Red (67%)

Yellow (58%)

Blue (75%)

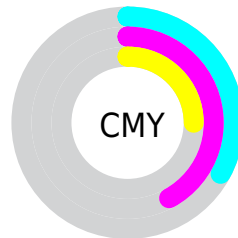


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0071, 33.7121, 53.8468 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 37.0071, 33.7121, 53.8468 by changing the saturation by 10% instead.

■ 37.0071, 33.7121,
53.8468

■ 37.0071, 33.7121,
53.8468

324.6963,
318.8464, 418.6836

■ 25.3867, 22.6725,
38.0869

■ 69.8975, 65.4857,
97.3034

■ 16.4956, 14.3519,
25.7477

■ 91.8981, 86.9885,
125.8371

■ 9.9686, 8.3658,
16.4110

118.0896,
112.7479, 159.4659

■ 5.4403, 4.3299,
9.6579

148.8372,
143.1481, 198.6082

■ 2.5452, 1.8598,
5.0701

184.5063,
178.5737, 243.6825

■ 0.9181, 0.5240,
2.2290

225.4623,

■ 0.0000, 0.0000,

219.4091, 295.1076

0.6910

272.0705,
266.0385, 353.3017

■ 0.0000, 0.0000,
0.0000

■ 37.0071, 33.7121,
53.8468

■ 37.0071, 33.7121,
53.8468

■ 32.4611, 27.2828,
52.8459

■ 42.1672, 41.1936,
55.0194

■ 28.4997, 21.8518,
52.0064

■ 47.9629, 49.7692,
56.3692

■ 25.0954, 17.3669,
51.3202

■ 54.4185, 59.4838,
57.9041

■ 22.2171, 13.7692,
50.7775

■ 61.5559, 70.3783,
59.6307

■ 19.8301, 10.9929,
50.3674

■ 69.3962, 82.4917,
61.5556

■ 17.8951, 8.9630,
50.0776

■ 75.4851, 90.9127,
62.8601

■ 16.3651, 7.5894,
49.8931

■ 78.1454, 92.2841,
62.9846

■ 15.4196, 6.8627,
49.8027

■ 80.9370, 93.7232,
63.1153

■ 83.8618, 95.2310,
63.2522

Harmonies

Analogous

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



33.5407, 33.7121, 60.2301



37.0071, 33.7121, 53.8468



39.2364, 33.7121, 43.2872

Triad

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



37.0071, 33.7121, 53.8468



34.2644, 33.7121, 20.6400



25.6249, 33.7121, 41.0969

Complementary

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



37.0071, 33.7121, 53.8468



39.9137, 47.6161, 35.1058

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.



25.7862, 33.7121, 30.8294



37.0071, 33.7121, 53.8468



30.5893, 33.7121, 20.2777

Square

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



37.0071, 33.7121, 53.8468



37.5717, 33.7121, 24.7620



27.5427, 33.7121, 23.6548



27.0840, 33.7121, 51.9819

Rectangle

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



37.0071, 33.7121, 53.8468



39.6248, 33.7121, 35.9819



27.5427, 33.7121, 23.6548



25.4947, 33.7121, 37.4413

Sweetspot

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



37.0082, 33.7135, 53.8475



80.9823, 81.8230, 99.8043



35.5010, 37.8247, 54.7205



17.6438, 17.7617, 21.8837



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.0082, 33.7135, 53.8475



62.1436, 54.4890, 95.5212



41.2458, 35.9252, 52.8198



9.5120, 9.4808, 12.0008



10.2273, 4.5584, 32.7337



0.4747, 0.2167, 1.2857

Inverse Universe

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



39.0520, 35.0477, 41.2676



66.5594, 57.3661, 68.5874



36.3619, 45.7652, 35.8363



9.7006, 9.6045, 10.8123



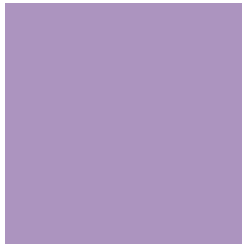
15.2214, 7.7197, 6.4593



0.6292, 0.3156, 0.4264

Previews

White Background



This preview shows how the XYZ color 37.0071, 33.7121, 53.8468 looks on a white background.

Color Contrast Check

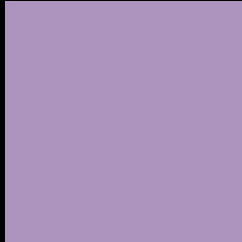
Large Text (above 18pt) WCAG AA × Fail

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 37.0071, 33.7121, 53.8468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

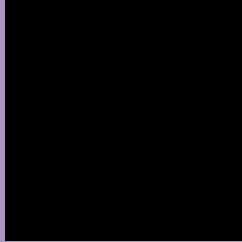
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0071, 33.7121, 53.8468

Background



This preview shows how black text looks on a background with the XYZ color 37.0071, 33.7121, 53.8468.



This preview shows how white text looks on a background with the XYZ color 37.0071, 33.7121,

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

37.0071, 33.7121, 53.8468

Protanopia

33.8849, 33.9655, 56.9946

Deuteranopia

34.5602, 33.8968, 53.4364



Tritanopia

34.3312, 33.8239, 40.3165

Trichromacy



Original Color

37.0071, 33.7121, 53.8468

Protanomaly

34.8391, 33.7454, 55.7162

Deuteranomaly

35.4228, 33.8556, 53.3830

Tritanomaly

35.0688, 33.6242, 44.6862

Monochromacy



Original Color

37.0071, 33.7121, 53.8468

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.5490, 34.6097, 43.3875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0071, 33.7121, 53.8468 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(172, 148, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 148, 191)  
}
```

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(172, 148, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 148, 191) }
```

Border

The CSS property to change the border of an element to XYZ 37.0071, 33.7121, 53.8468 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(172, 148, 191) }
```


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

```
.border{ border-color:rgb(172, 148, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 148, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 148, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 148, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 148,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0071, 33.7121, 53.8468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 148, 191) }
```

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

```
.background{ background-color: rgb(172,  
148, 191) }
```

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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