

Converting Colors

XYZ(33.1079, 37.2119, 47.0328)

Have a look what the booklet for
XYZ(33.1079, 37.2119, 47.0328)
contains.

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Color

**XYZ(33.1083, 37.2130,
47.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA9B1
RGB	141, 169, 177
RGB Percent	55%, 66%, 69%
CMY	0.4471, 0.3372, 0.3059
CMYK	0.20, 0.05, 0.00, 0.31
HSL	193°, 19%, 62%
HSV	193°, 20%, 69%
XYZ	33.1083, 37.2130, 47.0328
YIQ	161.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

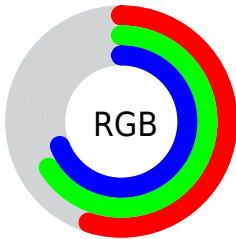
Format	Color
RYB	141, 157, 177
Decimal	9284017
CIELab	67.44, -7.83, -7.33
CIElCh	67, 10.729, 223.092
Yxy	37.2130, 0.2821, 0.3171
Android (android.graphics.Color)	4287474097 (0xFF8DA9B1)
YUV	161.5400, 7.6218, -18.0136
Hunter-Lab	61.0025, -9.8757, -3.0108

Details

The XYZ color **33.1083, 37.2130, 47.0328** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6870, 32.7651, 29.7489**, and the grayscale version is **34.1005, 35.8764, 39.0694**.

A 20% lighter version of the original color is **63.8693, 70.7966, 87.3896**, and **14.2158, 16.3515, 21.4757** is the 20% darker color. If you saturate the color by 10%, you get **29.6156, 34.3436, 46.6636**, and if you desaturate by 10%, it is **37.1063, 40.3774, 47.4335**.

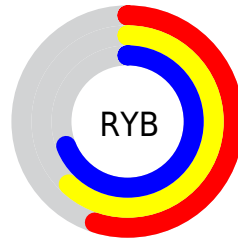
Distribution



Red (55%)

Green (66%)

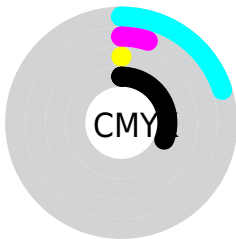
Blue (69%)



Red (55%)

Yellow (62%)

Blue (69%)

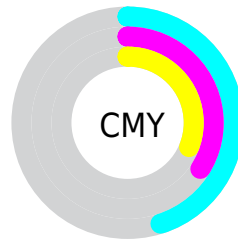


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1083, 37.2130, 47.0328 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 33.1083, 37.2130, 47.0328 by changing the saturation by 10% instead.

■ 33.1083, 37.2130,
47.0328

■ 33.1083, 37.2130,
47.0328

307.7938,
334.2318, 391.3430

■ 22.3691, 25.3725,
32.7071

■ 63.8981, 70.9003,
87.1131

■ 14.2464, 16.3548,
21.6328

■ 84.6794, 93.5158,
113.7047

■ 8.3751, 9.7755,
13.3916

■ 109.5388,
120.4917, 145.2220

■ 4.3897, 5.2504,
7.5649

138.8415,
152.2125, 182.0835

■ 1.9249, 2.3949,
3.7341

172.9531,
189.0625, 224.7079

■ 0.5912, 0.8233,
1.4806

212.2387,

■ 0.0000, 0.0000,

231.4261, 273.5135

0.2034

257.0638,
279.6877, 328.9191

■ 0.0000, 0.0000,
0.0000

■ 33.1083, 37.2130,
47.0328

■ 33.1083, 37.2130,
47.0328

■ 29.6156, 34.3436,
46.6636

■ 37.1063, 40.3774,
47.4335

■ 26.6017, 31.7526,
46.3224

■ 41.6276, 43.8436,
47.8642

■ 24.0431, 29.4282,
46.0086

■ 46.6936, 47.6239,
48.3269

■ 21.9125, 27.3564,
45.7210

■ 52.3235, 51.7282,
48.8224

■ 20.1797, 25.5212,
45.4581

■ 58.5352, 56.1664,
49.3516

■ 18.8105, 23.9046,
45.2182

■ 65.3462, 60.9474,
49.9155

■ 17.7644, 22.4854,
44.9994

■ 69.0355, 64.1535,
50.3399

■ 16.9783, 21.2592,
44.8042

■ 69.9373, 65.9571,
50.6405

■ 70.8625, 67.8076,
50.9489

Harmonies

Analogous

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



32.3755, 37.2130, 42.6070



33.1083, 37.2130, 47.0328



34.4572, 37.2130, 49.8258

Triad

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



33.1083, 37.2130, 47.0328



38.4857, 37.2130, 43.2127



34.6577, 37.2130, 32.3147

Complementary

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



33.1083, 37.2130, 47.0328



33.6870, 32.7651, 29.7489

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.



36.2984, 37.2130, 32.4493



33.1083, 37.2130, 47.0328



38.5434, 37.2130, 38.4996

Square

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



33.1083, 37.2130, 47.0328



37.5767, 37.2130, 47.5058



37.7321, 37.2130, 34.6356



33.2511, 37.2130, 34.2526

Rectangle

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



33.1083, 37.2130, 47.0328



35.5409, 37.2130, 50.2617



37.7321, 37.2130, 34.6356



35.1994, 37.2130, 32.1238

Sweetspot

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



33.1094, 37.2145, 47.0336



69.7684, 74.8757, 85.2706



32.1162, 39.2712, 34.2383



15.0109, 16.1429, 18.4691



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.1094, 37.2145, 47.0336



56.6429, 64.4937, 83.9584



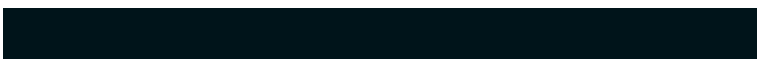
30.0199, 31.0355, 46.0038



8.5793, 9.3049, 10.8502



12.3477, 15.4958, 32.4772



0.4282, 0.5669, 1.0351

Inverse Universe

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



34.8187, 31.2623, 41.7370



60.2489, 52.1985, 72.7253



36.7219, 38.8351, 30.7605



8.7676, 8.6138, 10.2747



16.4672, 8.1044, 18.1521



0.5381, 0.2630, 0.6765

Previews

White Background



This preview shows how the XYZ color 33.1083, 37.2130, 47.0328 looks on a white background.

Color Contrast Check

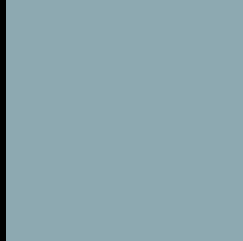
Large Text (above 18pt) WCAG AA × Fail

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 33.1083, 37.2130, 47.0328 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

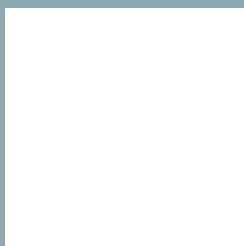
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1083, 37.2130, 47.0328

Background



This preview shows how black text looks on a background with the XYZ color 33.1083, 37.2130, 47.0328.



This preview shows how white text looks on a background with the XYZ color 33.1083, 37.2130,

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

33.1083, 37.2130, 47.0328

Protanopia

35.9499, 37.1040, 44.8022

Deuteranopia

37.7684, 36.9352, 47.7864



Tritanopia

33.6015, 37.1334, 49.6525

Trichromacy



Original Color

33.1083, 37.2130, 47.0328

Protanomaly

34.8054, 37.0342, 45.3583

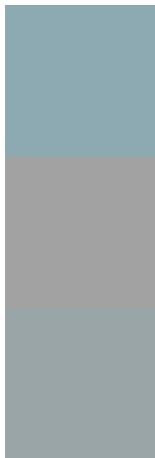
Deuteranomaly

35.8310, 36.9858, 47.3700

Tritanomaly

33.3962, 37.0513, 48.5715

Monochromacy



Original Color

33.1083, 37.2130, 47.0328

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.7566, 36.5703, 41.8388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1083, 37.2130, 47.0328 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(141, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 177)  
}
```

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(141, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 177) }
```

Border

The CSS property to change the border of an element to XYZ 33.1083, 37.2130, 47.0328 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(141, 169, 177) }
```


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

```
.border{ border-color:rgb(141, 169, 177) }
```

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

Here you see how a box with a 4 pixel rgb(141, 169, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1083, 37.2130, 47.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 177) }
```

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

```
.background{ background-color: rgb(141,  
169, 177) }
```

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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