

Converting Colors

XYZ(33.3212, 37.2538, 48.2892)

Have a look what the booklet for
XYZ(33.3212, 37.2538, 48.2892)
contains.

XYZ(33.3092, 37.2933, 48.0906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.3092, 37.2933,
48.0906)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA9B3
RGB	141, 169, 179
RGB Percent	55%, 66%, 70%
CMY	0.4470, 0.3372, 0.2980
CMYK	0.21, 0.06, 0.00, 0.30
HSL	196°, 20%, 63%
HSV	196°, 21%, 70%
XYZ	33.3092, 37.2933, 48.0906
YIQ	161.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

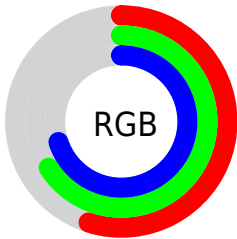
Format	Color
R_{YB}	141, 157, 179
Decimal	9284019
CIE _{Lab}	67.50, -7.38, -8.35
CIE _{LCh}	67, 11.147, 228.521
Yxy	37.2933, 0.2806, 0.3142
Android (android.graphics.Color)	4287474099 (0xFF8DA9B3)
YUV	161.7680, 8.4954, -18.2135
Hunter-Lab	61.0682, -9.5080, -3.9425

Details

The XYZ color **33.3092, 37.2933, 48.0906** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4652, 33.6403, 29.8770**, and the grayscale version is **34.2032, 35.9845, 39.1871**.

A 20% lighter version of the original color is **64.1567, 70.9116, 88.9031**, and **14.3436, 16.4026, 22.1487** is the 20% darker color. If you saturate the color by 10%, you get **29.6479, 34.1294, 47.6735**, and if you desaturate by 10%, it is **37.4962, 40.7770, 48.5430**.

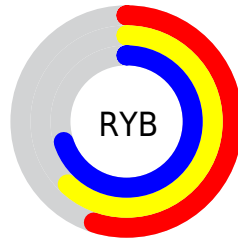
Distribution



Red (55%)

Green (66%)

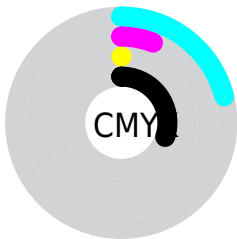
Blue (70%)



Red (55%)

Yellow (62%)

Blue (70%)

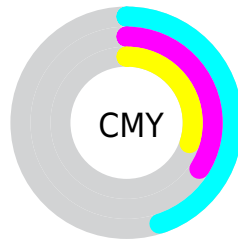


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3092, 37.2933, 48.0906 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 33.3092, 37.2933, 48.0906 by changing the saturation by 10% instead.

■ 33.3092, 37.2933,
48.0906

■ 33.3092, 37.2933,
48.0906

308.6811,
334.5786, 395.6702

■ 22.5238, 25.4347,
33.5381

■ 64.2094, 71.0237,
88.7062

■ 14.3610, 16.4012,
22.2645

■ 85.0549, 93.6642,
115.6065

■ 8.4556, 9.8085,
13.8512

■ 109.9845,
120.6674, 147.4598

■ 4.4421, 5.2722,
7.8797

139.3636,
152.4178, 184.6846

■ 1.9551, 2.4078,
3.9314

173.5574,
189.2997, 227.6995

■ 0.6086, 0.8299,
1.5878

212.9313,

■ 0.0000, 0.0000,

231.6976, 276.9230

0.2821

257.8508,
279.9957, 332.7738

■ 0.0000, 0.0000,
0.0000

■ 33.3092, 37.2933,
48.0906

■ 33.3092, 37.2933,
48.0906

■ 29.6479, 34.1294,
47.6735

■ 37.4962, 40.7770,
48.5430

■ 26.4851, 31.2678,
47.2878

■ 42.2280, 44.5880,
49.0291

■ 23.7960, 28.6964,
46.9332

■ 47.5266, 48.7389,
49.5511

■ 21.5523, 26.3999,
46.6082

■ 53.4118, 53.2406,
50.1098

■ 19.7225, 24.3617,
46.3113

■ 59.9027, 58.1032,
50.7063

■ 18.2708, 22.5627,
46.0405

■ 67.0170, 63.3364,
51.3414

■ 17.1546, 20.9805,
45.7940

■ 70.4906, 66.7423,
51.8158

■ 16.3751, 19.7312,
45.5939

■ 71.6124, 68.9860,
52.1897

■ 72.7683, 71.2976,
52.5750

Harmonies

Analogous

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



32.4141, 37.2933, 43.6766



33.3092, 37.2933, 48.0906



34.7948, 37.2933, 50.5688

Triad

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



33.3092, 37.2933, 48.0906



38.7727, 37.2933, 42.5122



34.4102, 37.2933, 32.3029

Complementary

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



33.3092, 37.2933, 48.0906



34.4652, 33.6403, 29.8770

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.



36.1056, 37.2933, 32.0461



33.3092, 37.2933, 48.0906



38.6617, 37.2933, 37.6829

Square

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



33.3092, 37.2933, 48.0906



37.9713, 37.2933, 47.1793



37.6726, 37.2933, 33.9414



33.0355, 37.2933, 34.6736

Rectangle

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



33.3092, 37.2933, 48.0906



35.9364, 37.2933, 50.6667



37.6726, 37.2933, 33.9414



34.9604, 37.2933, 31.9740

Sweetspot

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



33.3103, 37.2948, 48.0914



71.3739, 76.4539, 87.3764



32.6508, 40.1218, 35.0900



15.6929, 16.8416, 19.3459



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.3103, 37.2948, 48.0914



56.7943, 64.3476, 85.8081



30.1084, 30.8909, 47.0241



8.5497, 9.2456, 10.8403



11.6264, 14.0531, 32.2367



0.4103, 0.5311, 1.0291

Inverse Universe

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



35.2777, 31.4990, 41.7583



60.9348, 52.4494, 72.4121



37.6800, 40.0699, 30.9486



8.7527, 8.6078, 10.1959



16.1031, 7.9588, 16.2348



0.5291, 0.2594, 0.6289

Previews

White Background



This preview shows how the XYZ color 33.3092, 37.2933, 48.0906 looks on a white background.

Color Contrast Check

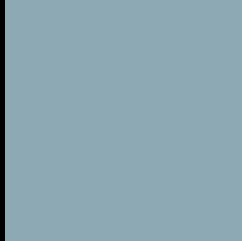
Large Text (above 18pt) WCAG AA × Fail

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 33.3092, 37.2933, 48.0906 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

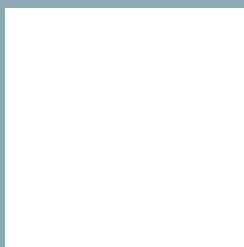
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.3092, 37.2933, 48.0906

Background



This preview shows how black text looks on a background with the XYZ color 33.3092, 37.2933, 48.0906.



This preview shows how white text looks on a background with the XYZ color 33.3092, 37.2933,

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

33.3092, 37.2933, 48.0906

Protanopia

36.1449, 37.1820, 45.8293

Deuteranopia

37.9246, 37.2485, 48.9069



Tritanopia

33.7868, 37.5041, 49.7142

Trichromacy



Original Color

33.3092, 37.2933, 48.0906

Protanomaly

35.0019, 37.1128, 46.3930

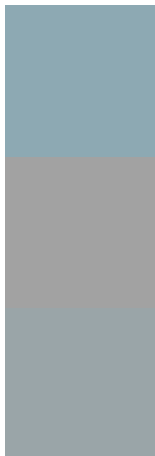
Deuteranomaly

36.0334, 37.0667, 48.4355

Tritanomaly

33.6838, 37.4629, 49.1718

Monochromacy



Original Color

33.3092, 37.2933, 48.0906

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.8494, 36.6074, 42.3277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3092, 37.2933, 48.0906 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 179) }
```

Border

The CSS property to change the border of an element to XYZ 33.3092, 37.2933, 48.0906 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, 179) }
```


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

```
.border{ border-color:rgb(141, 169, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 179);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3092, 37.2933, 48.0906 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, 179) }
```

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

```
.background{ background-color: rgb(141,  
169, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor