

Converting Colors

XYZ(33.2599, 30.7130, 37.3622)

Have a look what the booklet for
XYZ(33.2599, 30.7130, 37.3622)
contains.

XYZ(33.2517, 30.7683, 37.4440)	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(33.2517, 30.7683,
37.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8EA0
RGB	173, 142, 160
RGB Percent	68%, 56%, 63%
CMY	0.3216, 0.4431, 0.3725
CMYK	0.00, 0.18, 0.08, 0.32
HSL	325°, 16%, 62%
HSV	325°, 18%, 68%
XYZ	33.2517, 30.7683, 37.4440
YIQ	153.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

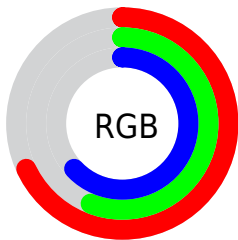
Format	Color
R_{YB}	173, 142, 160
Decimal	11374240
CIE _{Lab}	62.31, 14.76, -5.10
CIE _{LCh}	62, 15.620, 340.938
Yxy	30.7683, 0.3277, 0.3032
Android (android.graphics.Color)	4289564320 (0xFFAD8EA0)
YUV	153.3210, 3.2927, 17.2585
Hunter-Lab	55.4692, 9.9330, -1.1948

Details

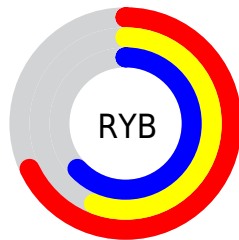
The XYZ color **33.2517, 30.7683, 37.4440** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.0165, 38.0052, 36.6604**, and the grayscale version is **30.4010, 31.9843, 34.8309**.

A 20% lighter version of the original color is **64.3188, 61.0442, 72.6827**, and **14.3332, 12.7515, 16.1738** is the 20% darker color. If you saturate the color by 10%, you get **30.2587, 25.7682, 33.4058**, and if you desaturate by 10%, it is **36.6830, 36.5849, 41.8118**.

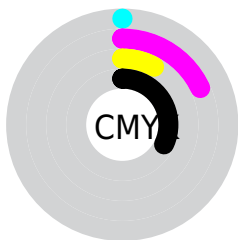
Distribution



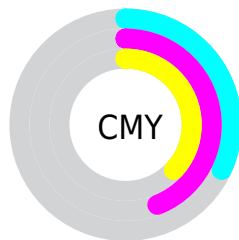
- Red (68%)
- Green (56%)
- Blue (63%)



- Red (68%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (32%)




- Cyan (32%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2517, 30.7683, 37.4440 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 33.2517, 30.7683, 37.4440 by changing the saturation by 10% instead.


 33.2517, 30.7683,
37.4440


 33.2517, 30.7683,
37.4440


308.4274,
305.4695, 350.4552

 22.4795, 20.4225,
25.2530


 64.1203, 60.8751,
72.4491

 14.3282, 12.7025,
16.0449


 84.9475, 81.4049,
96.1002

 8.4325, 7.2240,
9.4012


 109.8570,
106.0981, 124.4084

 4.4271, 3.6026,
4.9034

139.2142,
135.3391, 157.7923

 1.9465, 1.4538,
2.1330

173.3845,
169.5124, 196.6704

 0.6036, 0.2559,
0.6353

212.7332,

 0.0000, 0.0000,

209.0022, 241.4612

0.0000

257.6257,
254.1931, 292.5833

■ 33.2517, 30.7683,
37.4440

■ 33.2517, 30.7683,
37.4440

■ 30.2587, 25.7682,
33.4058

■ 36.6830, 36.5849,
41.8118

■ 27.6823, 21.5436,
29.6858

■ 40.5678, 43.2485,
46.5162

■ 25.5031, 18.0560,
26.2748

■ 44.9237, 50.7931,
51.5665

■ 23.6987, 15.2618,
23.1619

■ 49.7666, 59.2496,
56.9706

■ 22.2446, 13.1130,
20.3358

■ 55.1117, 68.6474,
62.7366

■ 21.1130, 11.5555,
17.7836

■ 60.9734, 79.0143,
68.8719

■ 20.2719, 10.5258,
15.4911

■ 64.7253, 85.0969,
74.5039

■ 19.6689, 9.9210,
13.4373

■ 65.6545, 85.4686,
79.3975

■ 19.5556, 9.8131,
13.0333

■ 66.6254, 85.8570,
84.5101

Harmonies

Analogous

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



31.9859, 30.7683, 43.0745



33.2517, 30.7683, 37.4440



33.4141, 30.7683, 31.3435

Triad

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



33.2517, 30.7683, 37.4440



28.4808, 30.7683, 23.3334



26.2835, 30.7683, 41.7117

Complementary

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



33.2517, 30.7683, 37.4440



32.0165, 38.0052, 36.6604

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.



25.4367, 30.7683, 35.7563



33.2517, 30.7683, 37.4440



26.6641, 30.7683, 25.4635

Square

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



33.2517, 30.7683, 37.4440



30.5904, 30.7683, 23.6701



25.5726, 30.7683, 29.8458



27.9384, 30.7683, 45.7359

Rectangle

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



33.2517, 30.7683, 37.4440



32.8665, 30.7683, 27.8726



25.5726, 30.7683, 29.8458



25.8986, 30.7683, 39.8413

Sweetspot

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



33.2526, 30.7697, 37.4447



67.5820, 68.7415, 77.2046



30.7186, 29.3250, 43.5767



14.5876, 14.7689, 16.6564



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.



33.2526, 30.7697, 37.4447



57.0634, 50.9287, 63.7580



31.9864, 30.2632, 30.7770



8.1928, 8.0904, 9.3263



14.3954, 7.2207, 9.7274



0.4270, 0.2115, 0.4102

Inverse Universe

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



33.2526, 30.7697, 37.4447



57.0634, 50.9287, 63.7580



33.3950, 38.5567, 43.9197



8.1928, 8.0904, 9.3263



14.3954, 7.2207, 9.7274



0.4270, 0.2115, 0.4102

Previews

White Background



This preview shows how the XYZ color 33.2517, 30.7683, 37.4440 looks on a white background.

Color Contrast Check

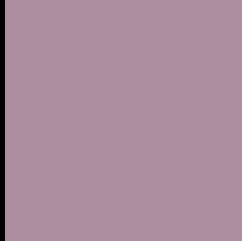
Large Text (above 18pt) WCAG AA × Fail

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 33.2517, 30.7683, 37.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

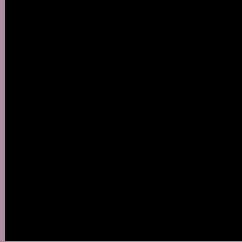
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2517, 30.7683, 37.4440

Background



This preview shows how black text looks on a background with the XYZ color 33.2517, 30.7683, 37.4440.



This preview shows how white text looks on a background with the XYZ color 33.2517, 30.7683,

37.4440.

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

33.2517, 30.7683, 37.4440

Protanopia

30.0923, 30.9189, 39.9792

Deuteranopia

31.4372, 30.7424, 37.0778



Tritanopia

32.6685, 30.7487, 34.7851

Trichromacy



Original Color

33.2517, 30.7683, 37.4440

Protanomaly

31.1451, 30.7809, 38.9501

Deuteranomaly

32.1093, 30.8610, 37.0653

Tritanomaly

32.8365, 30.8159, 35.6699

Monochromacy



Original Color

33.2517, 30.7683, 37.4440

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 33.2517, 30.7683, 37.4440 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(173, 142, 160)` looks like.

```
.text, #text, p{  
    color:rgb(173, 142, 160)  
}
```

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(173, 142, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 142, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.2517, 30.7683, 37.4440 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(173, 142, 160) }
```


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

```
.border{ border-color:rgb(173, 142, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 142, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 142, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 142, 160); box-shadow:4px 4px 4px 4px rgb(173, 142, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2517, 30.7683, 37.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 142, 160) }
```

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

```
.background{ background-color: rgb(173,  
142, 160) }
```

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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