

Converting Colors

XYZ(39.1468, 33.2228, 37.4467)

Have a look what the booklet for
XYZ(39.1468, 33.2228, 37.4467)
contains.

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Color

**XYZ(39.1310, 33.1454,
37.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	C78BA0
RGB	199, 139, 160
RGB Percent	78%, 55%, 63%
CMY	0.2196, 0.4549, 0.3725
CMYK	0.00, 0.30, 0.20, 0.22
HSL	339°, 35%, 66%
HSV	339°, 30%, 78%
XYZ	39.1310, 33.1454, 37.5930
YIQ	159.3340, 29.0190, 19.2510

Conversions

Conversions Part 2

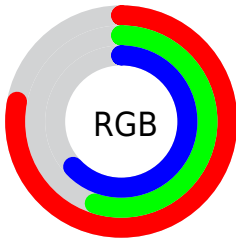
Format	Color
R_{YB}	199, 139, 160
Decimal	13077408
CIE _{Lab}	64.28, 25.93, -1.90
CIE _{LCh}	64, 26.002, 355.819
Yxy	33.1454, 0.3562, 0.3017
Android (android.graphics.Color)	4291267488 (0xFFC78BA0)
YUV	159.3340, 0.3283, 34.7871
Hunter-Lab	57.5720, 20.5732, 1.5856

Details

The XYZ color **39.1310, 33.1454, 37.5930** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1082, 49.5511, 49.6250**, and the grayscale version is **33.0975, 34.8212, 37.9203**.

A 20% lighter version of the original color is **72.5757, 64.3062, 72.8772**, and **17.7516, 14.0129, 16.2371** is the 20% darker color. If you saturate the color by 10%, you get **35.4342, 27.4694, 31.0651**, and if you desaturate by 10%, it is **43.4719, 39.9205, 44.9173**.

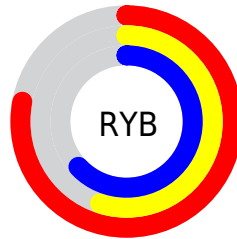
Distribution



Red (78%)

Green (55%)

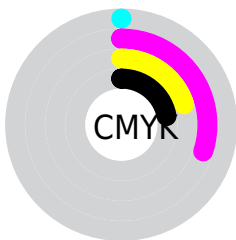
Blue (63%)



Red (78%)

Yellow (55%)

Blue (63%)

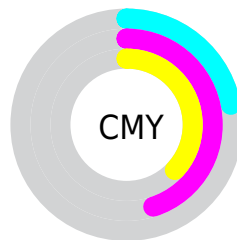


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (45%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1310, 33.1454, 37.5930 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 39.1310, 33.1454, 37.5930 by changing the saturation by 10% instead.


 39.1310, 33.1454,
37.5930


 39.1310, 33.1454,
37.5930


333.6447,
316.3044, 351.1165


 27.0428, 22.2379,
25.3676


 73.1312, 64.6025,
72.6804

 17.7422, 14.0318,
16.1296


 95.7739, 85.9208,
96.3794

 10.8636, 8.1428,
9.4606


 122.6656,
111.4781, 124.7401

 6.0418, 4.1864,
4.9419

154.1715,
141.6589, 158.1809

 2.9114, 1.7784,
2.1551

190.6570,
176.8476, 197.1204

 1.1071, 0.4737,
0.6483

232.4874,

 0.0310, 0.0000,

217.4284, 241.9771

0.0000

280.0282,
263.7859, 293.1697

■ 0.0000, 0.0000,
0.0000

■ 39.1310, 33.1454,
37.5930

■ 39.1310, 33.1454,
37.5930

■ 35.4342, 27.4694,
31.0651

■ 43.4719, 39.9205,
44.9173

■ 32.3467, 22.8296,
25.3033

■ 48.4838, 47.8440,
53.0629

■ 29.8345, 19.1634,
20.2779


■ 54.1956, 56.9681,
62.0558


■ 27.8587, 16.4001,
15.9566


■ 60.6334, 67.3400,
71.9206


■ 26.3758, 14.4587,
12.3040

■ 67.8222, 79.0046,
82.6804

 25.3343, 13.2438,
9.2809

 74.6896, 89.8127,
93.9925

 24.6476, 12.5799,
6.8644

 76.6554, 90.5990,
104.3440

 77.3634, 90.8822,
108.0723

Harmonies

Analogous

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



37.7518, 33.1454, 48.7653



39.1310, 33.1454, 37.5930



38.3390, 33.1454, 27.9361

Triad

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



39.1310, 33.1454, 37.5930



28.5107, 33.1454, 20.7021



27.6798, 33.1454, 55.6667

Complementary

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



39.1310, 33.1454, 37.5930



39.1082, 49.5511, 49.6250

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.



25.5333, 33.1454, 45.6929



39.1310, 33.1454, 37.5930



25.9861, 33.1454, 25.8263

Square

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



39.1310, 33.1454, 37.5930



32.0243, 33.1454, 19.3674



24.9381, 33.1454, 34.6270



30.9888, 33.1454, 60.4136

Rectangle

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



39.1310, 33.1454, 37.5930



36.7171, 33.1454, 23.3801



24.9381, 33.1454, 34.6270



26.8088, 33.1454, 52.7297

Sweetspot

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



39.1319, 33.1469, 37.5937



85.8510, 85.2975, 94.4409



37.9028, 32.0554, 58.2229



18.0782, 17.7842, 19.7390



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.



39.1319, 33.1469, 37.5937



64.2600, 51.4804, 58.3733



38.8045, 35.1876, 29.1746



10.7846, 10.6972, 11.8489



15.8866, 8.1042, 4.6127



0.7865, 0.3975, 0.3991

Inverse Universe

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



39.1319, 33.1469, 37.5937



64.2600, 51.4804, 58.3733



39.3709, 46.4404, 60.9221



10.7846, 10.6972, 11.8489



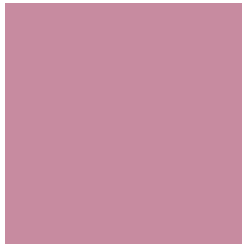
15.8866, 8.1042, 4.6127



0.7865, 0.3975, 0.3991

Previews

White Background



This preview shows how the XYZ color 39.1310, 33.1454, 37.5930 looks on a white background.

Color Contrast Check

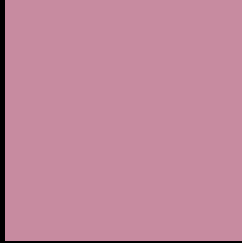
Large Text (above 18pt) WCAG AA × Fail

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 39.1310, 33.1454, 37.5930 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 39.1310, 33.1454, 37.5930

Background



This preview shows how black text looks on a background with the XYZ color 39.1310, 33.1454, 37.5930.



This preview shows how white text looks on a background with the XYZ color 39.1310, 33.1454,

37.5930.

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

39.1310, 33.1454, 37.5930

Protanopia

32.4946, 33.3135, 42.7477

Deuteranopia

33.8157, 33.1479, 36.9637



Tritanopia

38.2527, 32.9963, 33.6309

Trichromacy



Original Color

39.1310, 33.1454, 37.5930

Protanomaly

34.4250, 32.9060, 40.6135

Deuteranomaly

35.7478, 33.1944, 37.3239

Tritanomaly

38.4995, 33.0950, 34.9307

Monochromacy



Original Color

39.1310, 33.1454, 37.5930

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.9418, 33.9583, 37.5139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1310, 33.1454, 37.5930 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(199, 139, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 139, 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(199, 139, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 139, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.1310, 33.1454, 37.5930 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(199, 139, 160) }
```


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

```
.border{ border-color:rgb(199, 139, 160) }
```

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

Here you see how a box with a 4 pixel rgb(199, 139, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 139, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 139, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 139,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1310, 33.1454, 37.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 139, 160) }
```

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

```
.background{ background-color: rgb(199,  
139, 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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