

Converting Colors

XYZ(37.2054, 33.8587, 20.3112)

Have a look what the booklet for
XYZ(37.2054, 33.8587, 20.3112)
contains.

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Color

**XYZ(37.1934, 33.8606,
20.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	C99171
RGB	201, 145, 113
RGB Percent	79%, 57%, 44%
CMY	0.2118, 0.4314, 0.5569
CMYK	0.00, 0.28, 0.44, 0.21
HSL	22°, 45%, 62%
HSV	22°, 44%, 79%
XYZ	37.1934, 33.8606, 20.1982
YIQ	158.0960, 43.6480, 1.9200

Conversions

Conversions Part 2

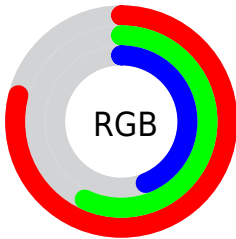
Format	Color
RYB	201, 163, 113
Decimal	13209969
CIELab	64.85, 17.22, 25.34
CIElCh	65, 30.633, 55.800
Yxy	33.8606, 0.4076, 0.3711
Android (android.graphics.Color)	4291400049 (0xFFC99171)
YUV	158.0960, -22.2323, 37.6268
Hunter-Lab	58.1899, 12.2602, 20.1528

Details

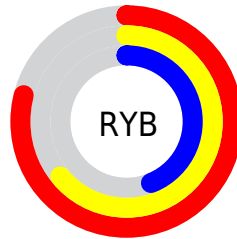
The XYZ color **37.1934, 33.8606, 20.1982** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5399, 36.1020, 60.5642**, and the grayscale version is **32.6276, 34.3267, 37.3818**.

A 20% lighter version of the original color is **68.4550, 64.8235, 44.5015**, and **16.6339, 14.4068, 6.9051** is the 20% darker color. If you saturate the color by 10%, you get **34.3393, 29.7671, 14.2688**, and if you desaturate by 10%, it is **40.5199, 38.4977, 27.5221**.

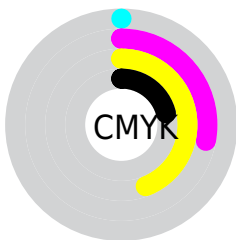
Distribution



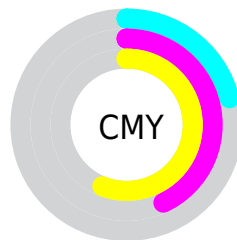
- Red (79%)
- Green (57%)
- Blue (44%)



- Red (79%)
- Yellow (64%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (21%)





- Cyan (21%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1934, 33.8606, 20.1982 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 37.1934, 33.8606, 20.1982 by changing the saturation by 10% instead.


 37.1934, 33.8606,
20.1982


 37.1934, 33.8606,
20.1982


325.4881,
319.5100, 265.6257

 25.5316, 22.7865,
12.3537


 70.1820, 65.7168,
44.6126


 16.6044, 14.4360,
6.8596


 92.2396, 87.2678,
62.0195

 10.0464, 8.4245,
3.2973


 118.4932,
113.0798, 83.4510

 5.4922, 4.3678,
1.2484

 149.3081,
143.5373, 109.3256

 2.5766, 1.8813,
0.0189

185.0496,
179.0247, 140.0618

 0.9340, 0.5371,
0.0000

226.0833,

 0.0000, 0.0000,

219.9264, 176.0782

0.0000

272.7743,
266.6267, 217.7933

■ 37.1934, 33.8606,
20.1982

■ 37.1934, 33.8606,
20.1982

■ 34.3393, 29.7671,
14.2688

■ 40.5199, 38.4977,
27.5221

■ 31.9310, 26.1912,
9.6413

■ 44.3384, 43.6933,
36.3210

■ 29.9429, 23.1115,
6.2150


■ 48.6702, 49.4681,
46.6712


■ 28.3453, 20.5032,
3.8733


■ 53.5348, 55.8398,
58.6436


■ 27.1034, 18.3385,
2.4753


■ 58.9505, 62.8256,
72.3043

 26.4765, 17.1960,
1.9237

 64.9347, 70.4418,
87.7159

 71.5039, 78.7042,
104.9378

 75.4971, 86.3571,
107.2972

 77.8973, 91.1575,
108.0973

Harmonies

Analogous

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



40.4450, 33.8606, 27.2696



37.1934, 33.8606, 20.1982



32.8091, 33.8606, 17.5526

Triad

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



37.1934, 33.8606, 20.1982



24.4398, 33.8606, 35.1166



36.0202, 33.8606, 63.3662

Complementary

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



37.1934, 33.8606, 20.1982



31.5399, 36.1020, 60.5642

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.



31.5659, 33.8606, 66.8093



37.1934, 33.8606, 20.1982



25.1314, 33.8606, 48.4908

Square

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



37.1934, 33.8606, 20.1982



25.6622, 33.8606, 24.8246



27.6450, 33.8606, 60.8459



39.7254, 33.8606, 52.2873

Rectangle

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



37.1934, 33.8606, 20.1982



29.9276, 33.8606, 18.0778



27.6450, 33.8606, 60.8459



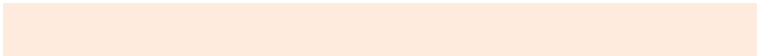
34.5499, 33.8606, 65.5495

Sweetspot

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



37.1942, 33.8622, 20.1989



83.8009, 85.3182, 81.0532



37.2672, 27.1378, 41.4035



17.5622, 17.7663, 16.4411



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.



37.1942, 33.8622, 20.1989



58.8096, 50.9895, 24.4640



45.0085, 49.4907, 22.8036



10.9444, 11.2580, 11.1589



16.7275, 10.9722, 1.2362



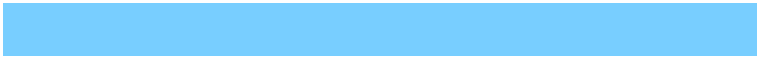
0.8608, 0.6571, 0.0815

Inverse Universe

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



31.5399, 36.1020, 60.5642



47.8094, 55.2713, 102.7564



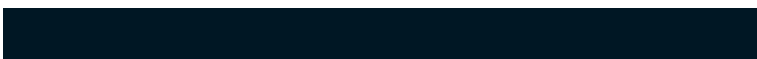
24.8394, 22.7010, 58.3307



10.6098, 11.3937, 13.5575



11.5636, 12.5211, 36.5517



0.6147, 0.7271, 1.7531

Previews

White Background



This preview shows how the XYZ color 37.1934, 33.8606, 20.1982 looks on a white background.

Color Contrast Check

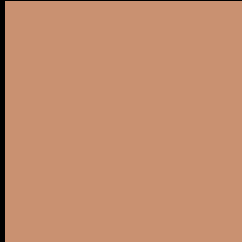
Large Text (above 18pt) WCAG AA × Fail

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 37.1934, 33.8606, 20.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

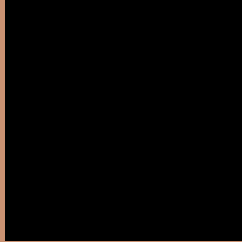
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1934, 33.8606, 20.1982

Background



This preview shows how black text looks on a background with the XYZ color 37.1934, 33.8606, 20.1982.



This preview shows how white text looks on a background with the XYZ color 37.1934, 33.8606,

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

37.1934, 33.8606, 20.1982

Protanopia

31.6892, 33.8570, 22.0044

Deuteranopia

34.4848, 33.8679, 20.0488



Tritanopia

39.8658, 33.8279, 33.7064

Trichromacy



Original Color

37.1934, 33.8606, 20.1982

Protanomaly

33.5997, 33.8672, 21.2891

Deuteranomaly

35.4103, 33.8712, 20.0007

Tritanomaly

38.8170, 33.8487, 28.1545

Monochromacy



Original Color

37.1934, 33.8606, 20.1982

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.7293, 33.7341, 30.3248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1934, 33.8606, 20.1982 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(201, 145, 113)` looks like.

```
.text, #text, p{  
    color:rgb(201, 145, 113)  
}
```

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(201, 145, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 145, 113) }
```

Border

The CSS property to change the border of an element to XYZ 37.1934, 33.8606, 20.1982 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(201, 145, 113) }
```


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

```
.border{ border-color:rgb(201, 145, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 145, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 145, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 145, 113); box-shadow:4px 4px 4px 4px rgb(201, 145, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1934, 33.8606, 20.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 145, 113) }
```

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

```
.background{ background-color: rgb(201,  
145, 113) }
```

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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