

Converting Colors

XYZ(37.0489, 33.1042, 19.3188)

Have a look what the booklet for
XYZ(37.0489, 33.1042, 19.3188)
contains.

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Color

**XYZ(37.1161, 33.1683,
19.1977)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8E6E
RGB	203, 142, 110
RGB Percent	80%, 56%, 43%
CMY	0.2039, 0.4431, 0.5686
CMYK	0.00, 0.30, 0.46, 0.20
HSL	21°, 47%, 61%
HSV	21°, 46%, 80%
XYZ	37.1161, 33.1683, 19.1977
YIQ	156.5910, 46.6280, 2.9800

Conversions

Conversions Part 2

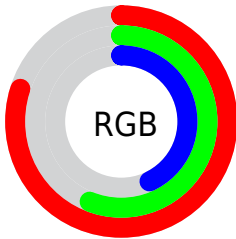
Format	Color
RYB	203, 159, 110
Decimal	13340270
CIELab	64.30, 19.36, 26.29
CIELCh	64, 32.651, 53.642
Yxy	33.1683, 0.4148, 0.3707
Android (android.graphics.Color)	4291530350 (0xFFCB8E6E)
YUV	156.5910, -22.9694, 40.7007
Hunter-Lab	57.5919, 14.2515, 20.5506

Details

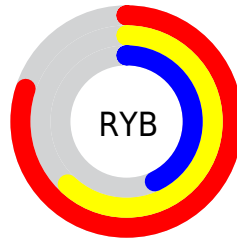
The XYZ color **37.1161, 33.1683, 19.1977** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.7722, 36.7511, 61.9190**, and the grayscale version is **31.9500, 33.6139, 36.6056**.

A 20% lighter version of the original color is **67.5015, 63.3485, 42.8522**, and **16.4646, 13.9410, 6.3805** is the 20% darker color. If you saturate the color by 10%, you get **34.2710, 29.0489, 13.4070**, and if you desaturate by 10%, it is **40.4527, 37.8655, 26.4019**.

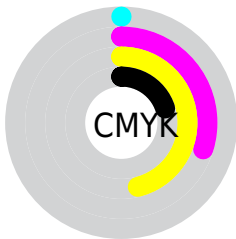
Distribution



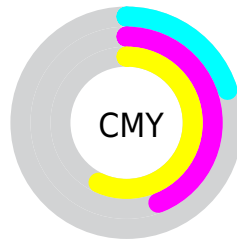
- Red (80%)
- Green (56%)
- Blue (43%)



- Red (80%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1161, 33.1683, 19.1977 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 37.1161, 33.1683, 19.1977 by changing the saturation by 10% instead.


 37.1161, 33.1683,
19.1977


 37.1161, 33.1683,
19.1977


325.1597,
316.4074, 259.9970


 25.4715, 22.2554,
11.6350


 70.0640, 64.6382,
42.9090


 16.5593, 14.0447,
6.3761


 92.0980, 85.9640,
59.8947

 10.0141, 8.1518,
3.0026


 118.3258,
111.5295, 80.8585

 5.4707, 4.1922,
1.0960

 149.1128,
141.7192, 106.2188

 2.5635, 1.7817,
0.0000

184.8243,
176.9175, 136.3943

 0.9274, 0.4757,
0.0000

225.8257,

 0.0000, 0.0000,

217.5087, 171.8035

0.0000

272.4824,
263.8772, 212.8649

■ 37.1161, 33.1683,
19.1977

■ 37.1161, 33.1683,
19.1977

■ 34.2710, 29.0489,
13.4070

■ 40.4527, 37.8655,
26.4019

■ 31.8891, 25.4789,
8.9329

■ 44.3020, 43.1577,
35.1039

■ 29.9427, 22.4343,
5.6690


■ 48.6871, 49.0674,
45.3836


■ 28.3995, 19.8873,
3.4914


■ 53.6285, 55.6145,
57.3145

■ 27.2209, 17.8065,
2.2464


■ 59.1459, 62.8178,
70.9657

 26.8100, 17.0593,
1.8797

 65.2578, 70.6953,
86.4020

 71.9820, 79.2646,
103.6853

 76.4054, 87.3701,
107.4449

 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



40.4254, 33.1683, 26.8063



37.1161, 33.1683, 19.1977



32.5239, 33.1683, 16.2069

Triad

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



37.1161, 33.1683, 19.1977



23.4636, 33.1683, 33.3582



35.2405, 33.1683, 64.9437

Complementary

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



37.1161, 33.1683, 19.1977



31.7722, 36.7511, 61.9190

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.



30.5477, 33.1683, 67.9272



37.1161, 33.1683, 19.1977



24.0382, 33.1683, 47.3612

Square

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



37.1161, 33.1683, 19.1977



24.8723, 33.1683, 22.9857



26.5265, 33.1683, 60.8483



39.2704, 33.1683, 53.4795

Rectangle

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



37.1161, 33.1683, 19.1977



29.4677, 33.1683, 16.5396



26.5265, 33.1683, 60.8483



33.6769, 33.1683, 67.0719

Sweetspot

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



37.1169, 33.1699, 19.1983



82.8058, 83.8705, 79.0494



37.6511, 26.8272, 42.2236



17.3564, 17.4612, 16.0436



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.



37.1169, 33.1699, 19.1983



57.4200, 48.6918, 22.5164



45.3197, 49.5756, 21.9326



11.5227, 11.8344, 11.7564



17.1387, 11.0103, 1.2219



0.9546, 0.7089, 0.0865

Inverse Universe

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



31.7722, 36.7511, 61.9190



47.3361, 55.3452, 102.7956



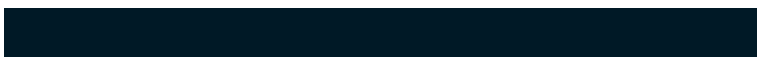
24.6072, 22.4213, 59.5307



11.2056, 12.0516, 14.3060



12.2977, 13.6194, 37.9369



0.7034, 0.8405, 1.9801

Previews

White Background



This preview shows how the XYZ color 37.1161, 33.1683, 19.1977 looks on a white background.

Color Contrast Check

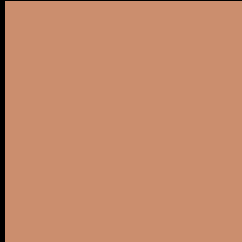
Large Text (above 18pt) WCAG AA × Fail

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 37.1161, 33.1683, 19.1977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

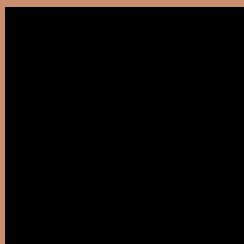
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1161, 33.1683, 19.1977

Background



This preview shows how black text looks on a background with the XYZ color 37.1161, 33.1683, 19.1977.



This preview shows how white text looks on a background with the XYZ color 37.1161, 33.1683,

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

37.1161, 33.1683, 19.1977

Protanopia

31.1893, 33.3627, 21.3188

Deuteranopia

33.9164, 33.3559, 19.1187



Tritanopia

39.6657, 33.1197, 31.9059

Trichromacy



Original Color

37.1161, 33.1683, 19.1977

Protanomaly

33.1599, 33.1719, 20.5747

Deuteranomaly

34.9323, 33.1780, 19.0309

Tritanomaly

38.7125, 33.1656, 26.9155

Monochromacy



Original Color

37.1161, 33.1683, 19.1977

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.4174, 33.3486, 29.4866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1161, 33.1683, 19.1977 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(203, 142, 110)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 110)  
}
```

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(203, 142, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 110) }
```

Border

The CSS property to change the border of an element to XYZ 37.1161, 33.1683, 19.1977 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(203, 142, 110) }
```


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

```
.border{ border-color:rgb(203, 142, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 110);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1161, 33.1683, 19.1977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 110) }
```

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

```
.background{ background-color: rgb(203,  
142, 110) }
```

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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