

Converting Colors

XYZ(35.6168, 31.4345, 21.7354)

Have a look what the booklet for
XYZ(35.6168, 31.4345, 21.7354)
contains.

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Color

**XYZ(35.7070, 31.5146,
21.6537)**

Conversions

Conversions Part 1

Format	Color
Hex	C68A77
RGB	198, 138, 119
RGB Percent	78%, 54%, 47%
CMY	0.2235, 0.4588, 0.5333
CMYK	0.00, 0.30, 0.40, 0.22
HSL	14°, 41%, 62%
HSV	14°, 40%, 78%
XYZ	35.7070, 31.5146, 21.6537
YIQ	153.7740, 41.8590, 6.8110

Conversions

Conversions Part 2

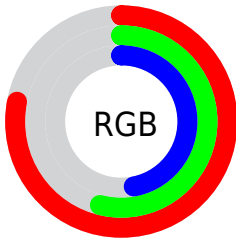
Format	Color
R _Y B	198, 144, 119
Decimal	13011575
CIE Lab	62.94, 20.52, 19.36
CIE LCh	63, 28.215, 43.335
Yxy	31.5146, 0.4018, 0.3546
Android (android.graphics.Color)	4291201655 (0xFFC68A77)
YUV	153.7740, -17.1436, 38.7862
Hunter-Lab	56.1379, 15.2953, 16.4270

Details

The XYZ color **35.7070, 31.5146, 21.6537** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9204, 40.2380, 59.4052**, and the grayscale version is **30.6767, 32.2742, 35.1466**.

A 20% lighter version of the original color is **67.4403, 61.8995, 46.9214**, and **15.7505, 13.1724, 7.5067** is the 20% darker color. If you saturate the color by 10%, you get **32.6295, 27.0685, 15.3598**, and if you desaturate by 10%, it is **39.3326, 36.6603, 29.3531**.

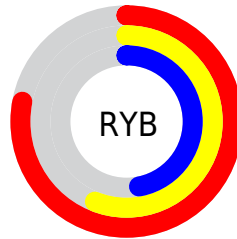
Distribution



Red (78%)

Green (54%)

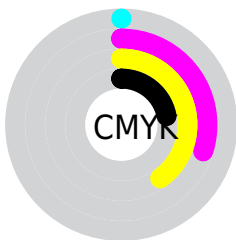
Blue (47%)



Red (78%)

Yellow (56%)

Blue (47%)

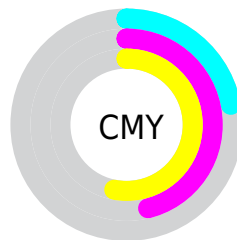


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7070, 31.5146, 21.6537 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 35.7070, 31.5146, 21.6537 by changing the saturation by 10% instead.


 35.7070, 31.5146,
21.6537


 35.7070, 31.5146,
21.6537


319.1317,
308.9021, 273.6267


 24.3771, 20.9910,
13.4068


 67.9064, 62.0494,
47.0678

 15.7398, 13.1174,
7.5752


 89.5066, 82.8293,
65.0721

 9.4299, 7.5095,
3.7405


 115.2609,
107.7969, 87.1659

 5.0820, 3.7827,
1.4841

145.5347,
137.3364, 113.7677

 2.3307, 1.5528,
0.2060

180.6933,
171.8323, 145.2962

 0.8103, 0.3254,
0.0000

221.1021,

 0.0000, 0.0000,

211.6689, 182.1698

0.0000

267.1265,
257.2307, 224.8071

■ 35.7070, 31.5146,
21.6537

■ 35.7070, 31.5146,
21.6537

■ 32.6295, 27.0685,
15.3598

■ 39.3326, 36.6603,
29.3531

■ 30.0700, 23.2868,
10.3838

■ 43.5294, 42.5296,
38.5345

■ 27.9989, 20.1380,
6.6312


■ 48.3224, 49.1511,
49.2712


■ 26.3826, 17.5861,
3.9937


■ 53.7341, 56.5504,
61.6311

■ 25.1826, 15.5914,
2.3440


■ 59.7859, 64.7519,
75.6778

 24.3380, 14.1025,
1.4451

 66.4980, 73.7789,
91.4718

 24.3307, 14.0896,
1.4372

 73.4684, 83.4850,
106.8498

 77.0988, 90.7458,
108.0599

Harmonies

Analogous

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



37.8050, 31.5146, 29.6237



35.7070, 31.5146, 21.6537



32.1418, 31.5146, 17.6614

Triad

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



35.7070, 31.5146, 21.6537



23.3673, 31.5146, 28.5507



31.7054, 31.5146, 59.5493

Complementary

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



35.7070, 31.5146, 21.6537



33.9204, 40.2380, 59.4052

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.



27.8672, 31.5146, 59.0869



35.7070, 31.5146, 21.6537



23.2724, 31.5146, 39.4750

Square

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



35.7070, 31.5146, 21.6537



25.1255, 31.5146, 21.0148



24.8541, 31.5146, 51.1413



35.3638, 31.5146, 52.2942

Rectangle

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



35.7070, 31.5146, 21.6537



29.5223, 31.5146, 17.1147



24.8541, 31.5146, 51.1413



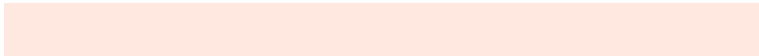
30.3892, 31.5146, 60.3314

Sweetspot

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



35.7078, 31.5161, 21.6543



83.5383, 84.2424, 82.6632



38.0799, 28.4774, 46.4388



17.6335, 17.6907, 17.1374



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.



35.7078, 31.5161, 21.6543



58.3742, 48.7987, 28.3881



42.3277, 44.7559, 23.8609



10.8376, 11.0444, 11.1233



15.8793, 9.2758, 0.9535



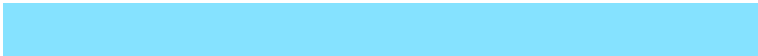
0.8103, 0.5561, 0.0646

Inverse Universe

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



33.9204, 40.2380, 59.4052



54.7355, 66.3254, 104.5250



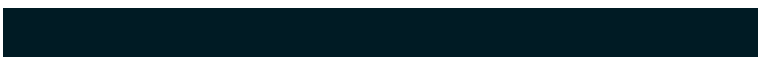
27.1889, 26.7752, 57.1614



10.7222, 11.6184, 13.5950



13.8291, 17.0520, 37.3069



0.7084, 0.9146, 1.7843

Previews

White Background



This preview shows how the XYZ color 35.7070, 31.5146, 21.6537 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 35.7070, 31.5146, 21.6537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

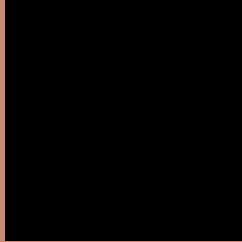
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7070, 31.5146, 21.6537

Background



This preview shows how black text looks on a background with the XYZ color 35.7070, 31.5146, 21.6537.



This preview shows how white text looks on a background with the XYZ color 35.7070, 31.5146,

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

35.7070, 31.5146, 21.6537

Protanopia

29.6921, 31.5399, 24.2615

Deuteranopia

32.0802, 31.4258, 21.2046



Tritanopia

37.4553, 31.3739, 30.8697

Trichromacy



Original Color

35.7070, 31.5146, 21.6537

Protanomaly

31.4644, 31.2962, 23.1213

Deuteranomaly

33.3422, 31.3920, 21.4415

Tritanomaly

36.6611, 31.2476, 27.3917

Monochromacy



Original Color

35.7070, 31.5146, 21.6537

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.9752, 31.6489, 29.6229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7070, 31.5146, 21.6537 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(198, 138, 119)` looks like.

```
.text, #text, p{  
    color:rgb(198, 138, 119)  
}
```

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(198, 138, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 138, 119) }
```

Border

The CSS property to change the border of an element to XYZ 35.7070, 31.5146, 21.6537 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(198, 138, 119) }
```


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

```
.border{ border-color:rgb(198, 138, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 138, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 138, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 138, 119);  
box-shadow:4px 4px 4px 4px rgb(198, 138,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7070, 31.5146, 21.6537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 138, 119) }
```

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

```
.background{ background-color: rgb(198,  
138, 119) }
```

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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