

Converting Colors

XYZ(37.9051, 33.5621, 28.4336)

Have a look what the booklet for
XYZ(37.9051, 33.5621, 28.4336)
contains.

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Color

**XYZ(37.9631, 33.6220,
28.5336)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C78F8A |
| RGB | 199, 143, 138 |
| RGB Percent | 78%, 56%, 54% |
| CMY | 0.2196, 0.4392, 0.4588 |
| CMYK | 0.00, 0.28, 0.31, 0.22 |
| HSL | 5°, 35%, 66% |
| HSV | 5°, 31%, 78% |
| XYZ | 37.9631, 33.6220, 28.5336 |
| YIQ | 159.1740, 34.9810, 10.3170 |

Conversions

Conversions Part 2

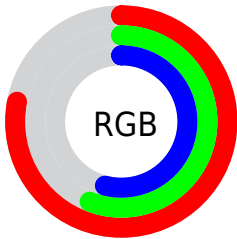
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 199, 143, 138 |
| Decimal | 13078410 |
| CIE Lab | 64.66, 20.54, 11.09 |
| CIE LCh | 65, 23.345, 28.350 |
| Yxy | 33.6220, 0.3792, 0.3358 |
| Android (android.graphics.Color) | 4291268490 (0xFFC78F8A) |
| YUV | 159.1740, -10.4388, 34.9274 |
| Hunter-Lab | 57.9845, 15.3931, 11.4131 |

Details

The XYZ color **37.9631, 33.6220, 28.5336** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0812, 48.1089, 61.2064**, and the grayscale version is **33.0701, 34.7923, 37.8888**.

A 20% lighter version of the original color is **70.6102, 64.9541, 58.1060**, and **17.0902, 14.2882, 11.0897** is the 20% darker color. If you saturate the color by 10%, you get **34.1297, 28.0534, 20.7871**, and if you desaturate by 10%, it is **42.5089, 40.1925, 37.8206**.

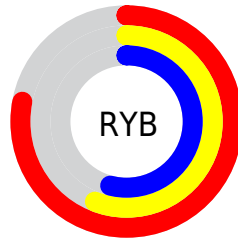
Distribution



Red (78%)

Green (56%)

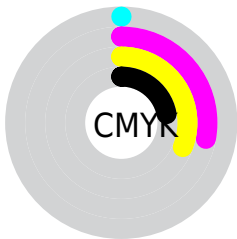
Blue (54%)



Red (78%)

Yellow (56%)

Blue (54%)

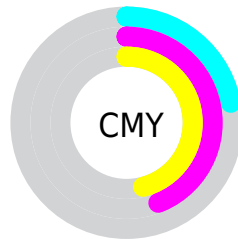


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9631, 33.6220, 28.5336 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 37.9631, 33.6220, 28.5336 by changing the saturation by 10% instead.


 37.9631, 33.6220,
28.5336


 37.9631, 33.6220,
28.5336

328.7452,
318.4433, 308.9997


 26.1311, 22.6034,
18.4857


 71.3558, 65.3454,
58.3686

 17.0550, 14.3009,
11.1263

 93.6473, 86.8190,
78.9927

 10.3692, 8.3302,
6.0366


 120.1560,
112.5463, 103.9794

 5.7086, 4.3070,
2.7982

151.2473,
142.9118, 133.7472

 2.7077, 1.8467,
0.9925

187.2865,
178.2999, 168.7146

 1.0011, 0.5160,
0.0000

228.6390,

 0.0000, 0.0000,

219.0948, 209.3001

0.0000

275.6701,
265.6812, 255.9223

■ 37.9631, 33.6220,
28.5336

■ 37.9631, 33.6220,
28.5336

■ 34.1297, 28.0534,
20.7871

■ 42.5089, 40.1925,
37.8206

■ 30.9700, 23.4330,
14.4958

■ 47.7978, 47.8057,
48.7231

■ 28.4456, 19.7092,
9.5695

■ 53.8620, 56.5059,
61.3135

■ 26.5133, 16.8239,
5.9066

■ 60.7312, 66.3336,
75.6592

■ 25.1244, 14.7117,
3.3918

■ 68.4332, 77.3270,
91.8241

■ 24.2224, 13.2978,
1.8885

■ 76.6057, 89.3670,
107.8198

■ 23.7434, 12.5224,
1.1657

■ 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



38.8327, 33.6220, 37.1419



37.9631, 33.6220, 28.5336



35.4548, 33.6220, 23.0508

Triad

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



37.9631, 33.6220, 28.5336



26.7842, 33.6220, 27.7622



31.7718, 33.6220, 58.3014

Complementary

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



37.9631, 33.6220, 28.5336



40.0812, 48.1089, 61.2064

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.



28.6966, 33.6220, 54.6516



37.9631, 33.6220, 28.5336



25.9444, 33.6220, 36.0805

Square

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



37.9631, 33.6220, 28.5336



28.9964, 33.6220, 22.6631



26.6198, 33.6220, 46.0793



35.1120, 33.6220, 55.3477

Rectangle

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



37.9631, 33.6220, 28.5336



33.2742, 33.6220, 21.3587



26.6198, 33.6220, 46.0793



30.6744, 33.6220, 57.7954

Sweetspot

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



37.9640, 33.6236, 28.5343



85.2162, 85.8963, 88.4694



42.4847, 34.2566, 55.9634



17.9226, 17.9297, 18.2795



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.



37.9640, 33.6236, 28.5343



61.7169, 51.9703, 40.3350



43.0015, 43.6986, 30.2134



10.7026, 10.7744, 11.0783



15.2942, 8.1055, 0.7584



0.7489, 0.4333, 0.0442

Inverse Universe

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



40.0812, 48.1089, 61.2064



66.0179, 81.4416, 106.8480



34.1435, 36.2335, 59.2272



10.8694, 11.9129, 13.6440



17.5052, 24.4044, 38.5323



0.8514, 1.2006, 1.8320

Previews

White Background



This preview shows how the XYZ color 37.9631, 33.6220, 28.5336 looks on a white background.

Color Contrast Check

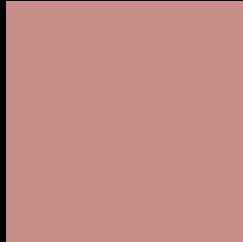
Large Text (above 18pt) WCAG AA × Fail

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 37.9631, 33.6220, 28.5336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

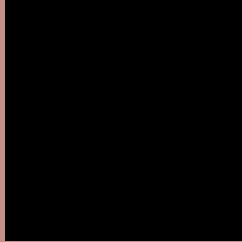
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9631, 33.6220, 28.5336

Background



This preview shows how black text looks on a background with the XYZ color 37.9631, 33.6220, 28.5336.



This preview shows how white text looks on a background with the XYZ color 37.9631, 33.6220,

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

37.9631, 33.6220, 28.5336

Protanopia

32.2721, 33.9448, 31.6391

Deuteranopia

34.3329, 33.6141, 27.9712



Tritanopia

39.0118, 33.5961, 34.1343

Trichromacy



Original Color

37.9631, 33.6220, 28.5336

Protanomaly

34.0152, 33.6396, 30.2915

Deuteranomaly

35.5988, 33.5507, 28.2666

Tritanomaly

38.7589, 33.7319, 32.0719

Monochromacy



Original Color

37.9631, 33.6220, 28.5336

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.4327, 34.0155, 34.0290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9631, 33.6220, 28.5336 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, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(199, 143, 138)  
}
```

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, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 143, 138) }
```

Border

The CSS property to change the border of an element to XYZ 37.9631, 33.6220, 28.5336 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, 143, 138) }
```


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

```
.border{ border-color:rgb(199, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(199, 143,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9631, 33.6220, 28.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 143, 138) }
```

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

```
.background{ background-color: rgb(199,  
143, 138) }
```

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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