

Converting Colors

XYZ(33.5565, 28.1964, 24.7956)

Have a look what the booklet for
XYZ(33.5565, 28.1964, 24.7956)
contains.

| | |
|------------------------------------------------|----|
| XYZ(33.7408, 28.3875, 24.8201) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(33.7408, 28.3875,
24.8201)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C18082 |
| RGB | 193, 128, 130 |
| RGB Percent | 76%, 50%, 51% |
| CMY | 0.2431, 0.4980, 0.4902 |
| CMYK | 0.00, 0.34, 0.33, 0.24 |
| HSL | 358°, 34%, 63% |
| HSV | 358°, 34%, 76% |
| XYZ | 33.7408, 28.3875, 24.8201 |
| YIQ | 147.6630, 38.0980, 14.4020 |

Conversions

Conversions Part 2

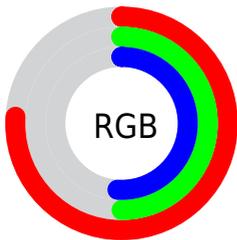
| Format | Color |
|-------------------------------------|--------------------------------------------|
| RYB | 193, 128, 130 |
| Decimal | 12681346 |
| CIELab | 60.24, 25.42, 9.27 |
| CIElCh | 60, 27.060, 20.033 |
| Yxy | 28.3875, 0.3881, 0.3265 |
| Android (android.graphics.Color) | 4290871426 (0xFFC18082) |
| YUV | 147.6630, -8.7079, 39.7605 |
| Hunter-Lab | 53.2799, 19.7996, 9.6761 |

Details

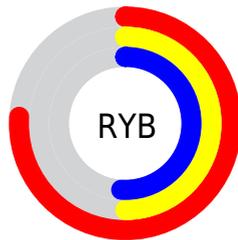
The XYZ color **33.7408, 28.3875, 24.8201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3773, 46.4914, 56.2965**, and the grayscale version is **28.0326, 29.4925, 32.1174**.

A 20% lighter version of the original color is **64.8548, 56.9759, 52.3790**, and **14.6908, 11.4461, 9.2196** is the 20% darker color. If you saturate the color by 10%, you get **30.3151, 23.3661, 18.0362**, and if you desaturate by 10%, it is **37.8752, 34.4605, 32.9671**.

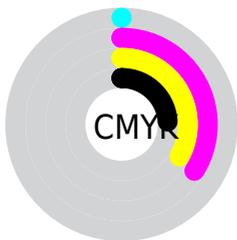
Distribution



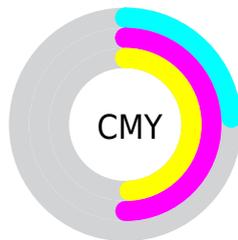
- Red (76%)
- Green (50%)
- Blue (51%)



- Red (76%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (33%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7408, 28.3875, 24.8201 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 33.7408, 28.3875, 24.8201 by changing the saturation by 10% instead.

 33.7408, 28.3875,
24.8201

 33.7408, 28.3875,
24.8201

310.5810,
294.3139, 290.3598

 22.8565, 18.6180,
15.7253

 64.8774, 57.1025,
52.3257

 14.6077, 11.3946,
9.1777

 85.8603, 76.8168,
71.5736

 8.6290, 6.3329,
4.7589

 110.9402,
100.6147, 95.0429

 4.5552, 3.0485,
2.0502

140.4824,
128.8808, 123.1522

 2.0208, 1.1571,
0.5859

174.8522,
161.9994, 156.3200

 0.6456, 0.0263,
0.0000

214.4150,

 0.0000, 0.0000,

200.3548, 194.9648

0.0000

259.5362,
244.3315, 239.5052

■ 33.7408, 28.3875,
24.8201

■ 33.7408, 28.3875,
24.8201

■ 30.3151, 23.3661,
18.0362

■ 37.8752, 34.4605,
32.9671

■ 27.5561, 19.3328,
12.5394

■ 42.7524, 41.6358,
42.5442

■ 25.4211, 16.2237,
8.2489

■ 48.4073, 49.9657,
53.6159

■ 23.8614, 13.9656,
5.0740

■ 54.8718, 59.4979,
66.2424

■ 22.8213, 12.4743,
2.9115

■ 62.1759, 70.2775,
80.4805

■ 22.2336, 11.6483,
1.6384

■ 70.3483, 82.3472,
96.3842

■ 22.0249, 11.3505,
1.2002

■ 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



34.0934, 28.3875, 34.3325



33.7408, 28.3875, 24.8201



31.4936, 28.3875, 18.4655

Triad

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



33.7408, 28.3875, 24.8201



22.1885, 28.3875, 20.1969



25.8441, 28.3875, 53.7809

Complementary

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



33.7408, 28.3875, 24.8201



37.3773, 46.4914, 56.2965

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.



22.9223, 28.3875, 47.9698



33.7408, 28.3875, 24.8201



20.9345, 28.3875, 27.7213

Square

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



33.7408, 28.3875, 24.8201



24.7619, 28.3875, 16.2195



21.1911, 28.3875, 37.9206



29.3299, 28.3875, 52.5366

Rectangle

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



33.7408, 28.3875, 24.8201



29.3223, 28.3875, 16.2146



21.1911, 28.3875, 37.9206



24.7687, 28.3875, 52.5472

Sweetspot

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



33.7416, 28.3889, 24.8207



79.9726, 79.5806, 82.8653



38.7896, 30.3447, 54.2650



16.8585, 16.6335, 17.1931



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

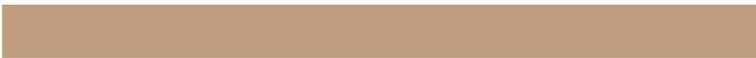
The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7416, 28.3889, 24.8207



56.0359, 44.3993, 35.7578



38.1733, 37.4647, 25.6432



10.0855, 10.0828, 10.5405



14.6545, 7.5516, 0.8269



0.6376, 0.3280, 0.0589

Inverse Universe

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



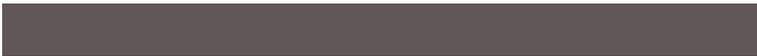
33.7416, 28.3889, 24.8207



56.0359, 44.3993, 35.7578



31.5670, 34.5169, 55.4510



10.0855, 10.0828, 10.5405



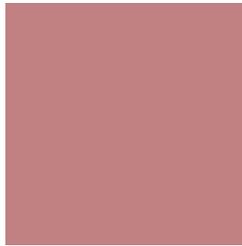
14.6545, 7.5516, 0.8269



0.6376, 0.3280, 0.0589

Previews

White Background



This preview shows how the XYZ color 33.7408, 28.3875, 24.8201 looks on a white background.

Color Contrast Check

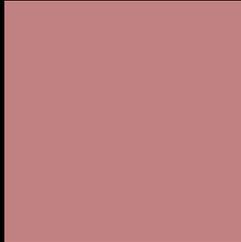
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7408, 28.3875, 24.8201 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 × Fail

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

XYZ 33.7408, 28.3875, 24.8201

Background



This preview shows how black text looks on a background with the XYZ color 33.7408, 28.3875, 24.8201.



This preview shows how white text looks on a background with the XYZ color 33.7408, 28.3875,

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

33.7408, 28.3875, 24.8201

Protanopia

27.3633, 28.5989, 28.5040

Deuteranopia

29.0003, 28.4217, 24.3795



Tritanopia

34.3529, 28.4542, 27.3485

Trichromacy



Original Color

33.7408, 28.3875, 24.8201

Protanomaly

29.4024, 28.3498, 27.2149

Deuteranomaly

30.6711, 28.4234, 24.6386

Tritanomaly

34.1406, 28.3693, 26.2307

Monochromacy



Original Color

33.7408, 28.3875, 24.8201

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.6424, 28.8654, 29.2085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7408, 28.3875, 24.8201 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(193, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(193, 128, 130)  
}
```

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(193, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 33.7408, 28.3875, 24.8201 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(193, 128, 130) }
```

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

```
.border{ border-color:rgb(193, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(193, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7408, 28.3875, 24.8201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 128, 130) }
```

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

```
.background{ background-color: rgb(193,  
128, 130) }
```

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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