

Converting Colors

XYZ(37.2665, 33.1827, 32.0793)

Have a look what the booklet for
XYZ(37.2665, 33.1827, 32.0793)
contains.

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Color

**XYZ(37.3371, 33.2208,
32.0481)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C28F93 |
| RGB | 194, 143, 147 |
| RGB Percent | 76%, 56%, 58% |
| CMY | 0.2392, 0.4392, 0.4235 |
| CMYK | 0.00, 0.26, 0.24, 0.24 |
| HSL | 355°, 29%, 66% |
| HSV | 355°, 26%, 76% |
| XYZ | 37.3371, 33.2208, 32.0481 |
| YIQ | 158.7050, 29.1120, 12.0560 |

Conversions

Conversions Part 2

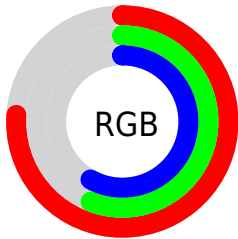
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 143, 147 |
| Decimal | 12750739 |
| CIELab | 64.34, 19.90, 5.48 |
| CIELCh | 64, 20.638, 15.391 |
| Yxy | 33.2208, 0.3639, 0.3238 |
| Android (android.graphics.Color) | 4290940819 (0xFFC28F93) |
| YUV | 158.7050, -5.7706, 30.9537 |
| Hunter-Lab | 57.6375, 14.7653, 7.3793 |

Details

The XYZ color **37.3371, 33.2208, 32.0481** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9152, 48.1418, 55.9063**, and the grayscale version is **32.8369, 34.5470, 37.6216**.

A 20% lighter version of the original color is **70.2925, 64.6588, 64.0339**, and **16.6323, 14.0063, 13.1361** is the 20% darker color. If you saturate the color by 10%, you get **33.3770, 27.3740, 24.3357**, and if you desaturate by 10%, it is **42.0207, 40.1652, 41.0783**.

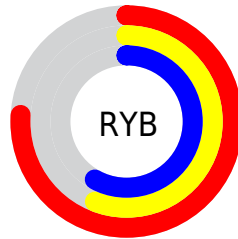
Distribution



Red (76%)

Green (56%)

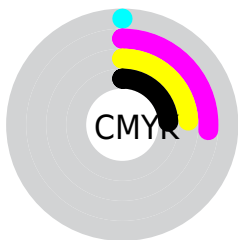
Blue (58%)



Red (76%)

Yellow (56%)

Blue (58%)

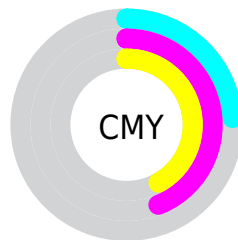


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3371, 33.2208, 32.0481 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 37.3371, 33.2208, 32.0481 by changing the saturation by 10% instead.


 37.3371, 33.2208,
32.0481


 37.3371, 33.2208,
32.0481


326.0979,
316.6435, 325.8378

 25.6435, 22.2956,
21.1331


 70.4014, 64.7201,
63.9853

 16.6884, 14.0743,
13.0292

 92.5028, 86.0630,
85.8445

 10.1065, 8.1724,
7.3177


118.8042,
111.6474, 112.1890

 5.5324, 4.2054,
3.5801

149.6709,
141.8574, 143.4372

 2.6008, 1.7891,
1.3979

185.4682,
177.0777, 180.0076

 0.9464, 0.4804,
0.1401

226.5616,

 0.0000, 0.0000,

217.6925, 222.3188

0.0000

273.3164,
264.0863, 270.7893

■ 37.3371, 33.2208,
32.0481

■ 37.3371, 33.2208,
32.0481

■ 33.3770, 27.3740,
24.3357

■ 42.0207, 40.1652,
41.0783

■ 30.1018, 22.5643,
17.8775

■ 47.4586, 48.2543,
51.4818

■ 27.4733, 18.7324,
12.6078

■ 53.6831, 57.5384,
63.3133

■ 25.4485, 15.8112,
8.4540

■ 60.7236, 68.0632,
76.6240

■ 23.9791, 13.7252,
5.3355

■ 68.6084, 79.8719,
91.4625

■ 23.0095, 12.3866,
3.1609

■ 75.9425, 90.1631,
107.4015

■ 22.4698, 11.6831,
1.8219

■ 76.0583, 90.2094,
108.0112

■ 22.3360, 11.5045,
1.5029

Harmonies

Analogous

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



37.3594, 33.2208, 40.4049



37.3371, 33.2208, 32.0481



35.7082, 33.2208, 25.8392

Triad

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



37.3371, 33.2208, 32.0481



27.7244, 33.2208, 25.9641



30.1728, 33.2208, 54.1814

Complementary

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



37.3371, 33.2208, 32.0481



39.9152, 48.1418, 55.9063

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.



27.7744, 33.2208, 48.9463



37.3371, 33.2208, 32.0481



26.4214, 33.2208, 32.2452

Square

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



37.3371, 33.2208, 32.0481



30.1006, 33.2208, 22.7156



26.4392, 33.2208, 40.6349



33.0975, 33.2208, 54.1066

Rectangle

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



37.3371, 33.2208, 32.0481



33.9851, 33.2208, 23.3735



26.4392, 33.2208, 40.6349



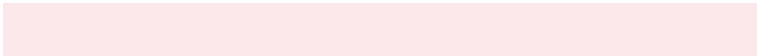
29.2824, 33.2208, 52.9526

Sweetspot

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



37.3380, 33.2223, 32.0488



84.0640, 84.5670, 89.6114



40.7339, 34.4565, 55.5432



18.0671, 18.0102, 18.9707



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.



37.3380, 33.2223, 32.0488



63.0326, 53.3719, 49.0974



40.5274, 40.0943, 31.5914



10.1045, 10.0904, 10.6409



14.6975, 7.5688, 1.0533



0.6462, 0.3315, 0.1045

Inverse Universe

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



37.3380, 33.2223, 32.0488



63.0326, 53.3719, 49.0974



35.9623, 39.5274, 56.7735



10.1045, 10.0904, 10.6409



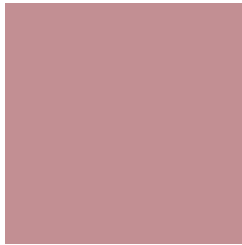
14.6975, 7.5688, 1.0533



0.6462, 0.3315, 0.1045

Previews

White Background



This preview shows how the XYZ color 37.3371, 33.2208, 32.0481 looks on a white background.

Color Contrast Check

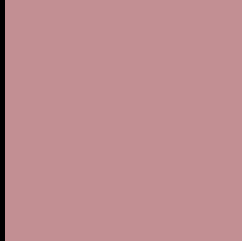
Large Text (above 18pt) WCAG AA × Fail

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 37.3371, 33.2208, 32.0481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

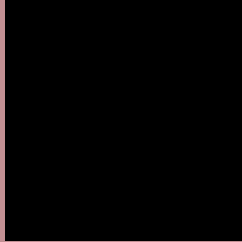
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3371, 33.2208, 32.0481

Background



This preview shows how black text looks on a background with the XYZ color 37.3371, 33.2208, 32.0481.



This preview shows how white text looks on a background with the XYZ color 37.3371, 33.2208,

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

37.3371, 33.2208, 32.0481

Protanopia

32.2184, 33.5836, 35.3560

Deuteranopia

33.9341, 33.3225, 31.8375



Tritanopia

37.9284, 33.2480, 34.5555

Trichromacy



Original Color

37.3371, 33.2208, 32.0481

Protanomaly

33.6658, 33.1382, 33.9001

Deuteranomaly

35.0696, 33.2002, 31.7540

Tritanomaly

37.7646, 33.1825, 33.6926

Monochromacy



Original Color

37.3371, 33.2208, 32.0481

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3209, 33.9197, 35.7486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3371, 33.2208, 32.0481 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(194, 143, 147)` looks like.

```
.text, #text, p{  
    color:rgb(194, 143, 147)  
}
```

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(194, 143, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 143, 147) }
```

Border

The CSS property to change the border of an element to XYZ 37.3371, 33.2208, 32.0481 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(194, 143, 147) }
```


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

```
.border{ border-color:rgb(194, 143, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 143, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 143, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 143, 147);  
box-shadow:4px 4px 4px 4px rgb(194, 143,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3371, 33.2208, 32.0481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 143, 147) }
```

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

```
.background{ background-color: rgb(194,  
143, 147) }
```

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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