

Converting Colors

XYZ(33.6875, 28.2441, 17.0054)

Have a look what the booklet for
XYZ(33.6875, 28.2441, 17.0054)
contains.

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Color

**XYZ(33.6924, 28.3408,
17.0591)**

Conversions

Conversions Part 1

Format	Color
Hex	C77F69
RGB	199, 127, 105
RGB Percent	78%, 50%, 41%
CMY	0.2196, 0.5019, 0.5882
CMYK	0.00, 0.36, 0.47, 0.22
HSL	14°, 46%, 60%
HSV	14°, 47%, 78%
XYZ	33.6924, 28.3408, 17.0591
YIQ	146.0200, 49.9740, 8.4220

Conversions

Conversions Part 2

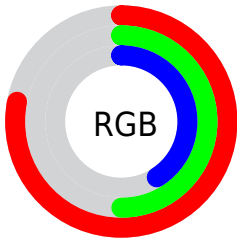
Format	Color
R_{YB}	199, 134, 105
Decimal	13074281
CIE Lab	60.20, 25.43, 23.55
CIE LCh	60, 34.664, 42.800
Yxy	28.3408, 0.4260, 0.3583
Android (android.graphics.Color)	4291264361 (0xFFC77F69)
YUV	146.0200, -20.2229, 46.4635
Hunter-Lab	53.2361, 19.8071, 18.2662

Details

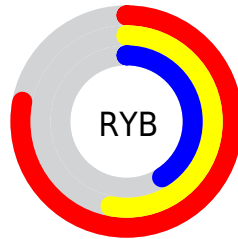
The XYZ color **33.6924, 28.3408, 17.0591** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.8559, 38.5693, 59.7984**, and the grayscale version is **27.3964, 28.8232, 31.3884**.

A 20% lighter version of the original color is **63.5620, 56.3028, 38.9699**, and **14.5729, 11.3640, 5.4284** is the 20% darker color. If you saturate the color by 10%, you get **30.9650, 24.3359, 11.6806**, and if you desaturate by 10%, it is **36.9583, 33.0398, 23.7983**.

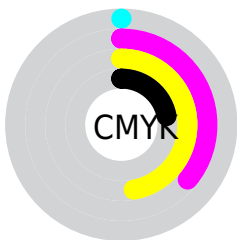
Distribution



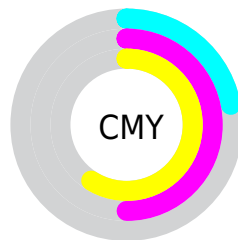
- Red (78%)
- Green (50%)
- Blue (41%)



- Red (78%)
- Yellow (53%)
- Blue (41%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (22%)





- Cyan (22%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6924, 28.3408, 17.0591 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 33.6924, 28.3408, 17.0591 by changing the saturation by 10% instead.


 33.6924, 28.3408,
17.0591

 33.6924, 28.3408,
17.0591

310.3684,
294.0918, 247.5682


 22.8192, 18.5827,
10.1142


 64.8025, 57.0281,
39.2194

 14.5800, 11.3692,
5.3682


 85.7701, 76.7261,
55.2719

 8.6095, 6.3157,
2.4024


 110.8332,
100.5062, 75.1974

 4.5424, 3.0380,
0.7877

 140.3571,
128.7527, 99.4144

 2.0134, 1.1516,
0.0000

174.7072,
161.8502, 128.3414

 0.6414, 0.0216,
0.0000

214.2489,

 0.0000, 0.0000,

200.1829, 162.3970

0.0000

259.3475,
244.1353, 201.9998

■ 33.6924, 28.3408,
17.0591

■ 33.6924, 28.3408,
17.0591

■ 30.9650, 24.3359,
11.6806

■ 36.9583, 33.0398,
23.7983

■ 28.7438, 20.9875,
7.5676

■ 40.7885, 38.4599,
31.9814

■ 26.9960, 18.2606,
4.6149


■ 45.2094, 44.6316,
41.6867

■ 25.6835, 16.1151,
2.6994


■ 50.2452, 51.5824,
52.9866


■ 24.7583, 14.5042,
1.6526


■ 55.9188, 59.3385,
65.9485

 24.5532, 14.1421,
1.4356

 62.2517, 67.9247,
80.6362

 69.2645, 77.3649,
97.1100

 75.4596, 87.0751,
107.4378

 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.



36.1398, 28.3408, 25.7566



33.6924, 28.3408, 17.0591



29.5388, 28.3408, 12.9112

Triad

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



33.6924, 28.3408, 17.0591



19.5831, 28.3408, 24.1840



28.8713, 28.3408, 61.3332

Complementary

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



33.6924, 28.3408, 17.0591



31.8559, 38.5693, 59.7984

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.



24.4928, 28.3408, 60.5692



33.6924, 28.3408, 17.0591



19.4464, 28.3408, 36.5927

Square

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



33.6924, 28.3408, 17.0591



21.5476, 28.3408, 16.1814



21.1510, 28.3408, 50.6085



33.1578, 28.3408, 52.4751

Rectangle

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



33.6924, 28.3408, 17.0591



26.5225, 28.3408, 12.3255



21.1510, 28.3408, 50.6085



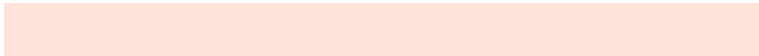
27.3559, 28.3408, 62.2513

Sweetspot

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



33.6931, 28.3422, 17.0596



81.7149, 81.6886, 78.6857



36.5473, 25.4225, 44.6107



17.0929, 16.9343, 15.9558



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.



33.6931, 28.3422, 17.0596



53.9596, 42.2265, 19.9587



41.2262, 43.4085, 19.5707



10.8321, 11.0332, 11.1215



15.8449, 9.2070, 0.9420



0.8078, 0.5511, 0.0638

Inverse Universe

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



31.8559, 38.5693, 59.7984



50.2867, 62.2121, 103.9655



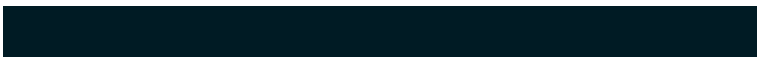
24.1262, 23.1100, 57.2219



10.7281, 11.6303, 13.5969



13.9619, 17.3177, 37.3511



0.7137, 0.9252, 1.7861

Previews

White Background



This preview shows how the XYZ color 33.6924, 28.3408, 17.0591 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 33.6924, 28.3408, 17.0591 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 33.6924, 28.3408, 17.0591

Background



This preview shows how black text looks on a background with the XYZ color 33.6924, 28.3408, 17.0591.



This preview shows how white text looks on a background with the XYZ color 33.6924, 28.3408,

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

33.6924, 28.3408, 17.0591

Protanopia

26.6236, 28.4116, 19.7036

Deuteranopia

28.9144, 28.3287, 16.7760



Tritanopia

35.3352, 28.2494, 25.4201

Trichromacy



Original Color

33.6924, 28.3408, 17.0591

Protanomaly

28.6975, 27.9607, 18.6363

Deuteranomaly

30.4541, 28.2725, 16.9487

Tritanomaly

34.5399, 28.0998, 22.0157

Monochromacy



Original Color

33.6924, 28.3408, 17.0591

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.8464, 28.1033, 25.3768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6924, 28.3408, 17.0591 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, 127, 105)` looks like.

```
.text, #text, p{  
  color:rgb(199, 127, 105)  
}
```

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, 127, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 127, 105) }
```

Border

The CSS property to change the border of an element to XYZ 33.6924, 28.3408, 17.0591 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, 127, 105) }
```


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

```
.border{ border-color:rgb(199, 127, 105) }
```

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

Here you see how a box with a 4 pixel rgb(199, 127, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 127, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 127, 105);  
box-shadow:4px 4px 4px 4px rgb(199, 127,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6924, 28.3408, 17.0591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 127, 105) }
```

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

```
.background{ background-color: rgb(199,  
127, 105) }
```

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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