

Converting Colors

XYZ(33.1846, 27.4920, 17.7679)

Have a look what the booklet for
XYZ(33.1846, 27.4920, 17.7679)
contains.

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Color

**XYZ(33.2031, 27.5038,
17.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	C67C6C
RGB	198, 124, 108
RGB Percent	78%, 49%, 42%
CMY	0.2235, 0.5137, 0.5765
CMYK	0.00, 0.37, 0.45, 0.22
HSL	11°, 44%, 60%
HSV	11°, 45%, 78%
XYZ	33.2031, 27.5038, 17.7461
YIQ	144.3020, 49.2400, 10.7120

Conversions

Conversions Part 2

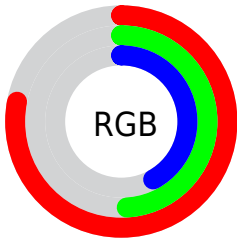
Format	Color
R _Y B	198, 127, 108
Decimal	13007980
CIE Lab	59.44, 26.98, 20.82
CIE LCh	59, 34.076, 37.656
Yxy	27.5038, 0.4232, 0.3506
Android (android.graphics.Color)	4291198060 (0xFFC67C6C)
YUV	144.3020, -17.8969, 47.0931
Hunter-Lab	52.4441, 21.2338, 16.6482

Details

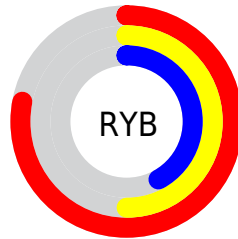
The XYZ color **33.2031, 27.5038, 17.7461** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.1044, 40.7192, 59.5407**, and the grayscale version is **26.6877, 28.0776, 30.5765**.

A 20% lighter version of the original color is **63.3073, 55.2423, 40.5839**, and **14.2489, 10.8865, 5.6253** is the 20% darker color. If you saturate the color by 10%, you get **30.3922, 23.3812, 12.1874**, and if you desaturate by 10%, it is **36.5915, 32.3984, 24.6784**.

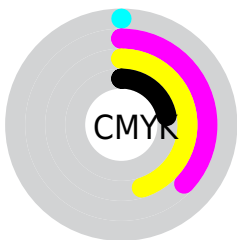
Distribution



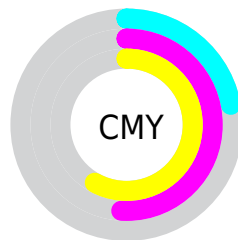
- Red (78%)
- Green (49%)
- Blue (42%)



- Red (78%)
- Yellow (50%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (45%)
- Black (22%)





- Cyan (22%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2031, 27.5038, 17.7461 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 33.2031, 27.5038, 17.7461 by changing the saturation by 10% instead.


 33.2031, 27.5038,
17.7461


 33.2031, 27.5038,
17.7461


308.2127,
290.0882, 251.6239


 22.4421, 17.9520,
10.6003

 64.0450, 55.6913,
40.4123

 14.3005, 10.9155,
5.6880


 84.8567, 75.0956,
56.7698

 8.4131, 6.0100,
2.5906


 109.7492, 98.5530,
77.0349

 4.4144, 2.8512,
0.8876

 139.0880,
126.4477, 101.6262

 1.9391, 1.0545,
0.0000

173.2383,
159.1642, 130.9622

 0.5994, 0.0000,
0.0000

212.5657,

 0.0000, 0.0000,

197.0869, 165.4614

0.0000

257.4354,
240.6001, 205.5425

■ 33.2031, 27.5038,
17.7461

■ 33.2031, 27.5038,
17.7461

■ 30.3922, 23.3812,
12.1874

■ 36.5915, 32.3984,
24.6784

■ 28.1238, 19.9870,
7.9088

■ 40.5856, 38.0977,
33.0661

■ 26.3622, 17.2792,
4.8076


■ 45.2141, 44.6373,
42.9866


■ 25.0662, 15.2101,
2.7642


■ 50.5034, 52.0495,
54.5113


■ 24.1877, 13.7251,
1.6328


■ 56.4783, 60.3651,
67.7069

 23.8959, 13.2202,
1.2923

 63.1623, 69.6130,
82.6366

 70.5778, 79.8210,
99.3601

 76.8556, 90.2597,
107.9789

 77.0986, 90.7457,
108.0599

Harmonies

Analogous

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



35.1624, 27.5038, 26.9195



33.2031, 27.5038, 17.7461



29.3922, 27.5038, 13.0258

Triad

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



33.2031, 27.5038, 17.7461



19.2529, 27.5038, 21.8602



27.2518, 27.5038, 59.8568

Complementary

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



33.2031, 27.5038, 17.7461



33.1044, 40.7192, 59.5407

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.



23.1398, 27.5038, 57.4192



33.2031, 27.5038, 17.7461



18.8128, 27.5038, 33.1933

Square

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



33.2031, 27.5038, 17.7461



21.4352, 27.5038, 14.9101



20.1597, 27.5038, 46.7509



31.4908, 27.5038, 52.7144

Rectangle

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



33.2031, 27.5038, 17.7461



26.4792, 27.5038, 12.0480



20.1597, 27.5038, 46.7509



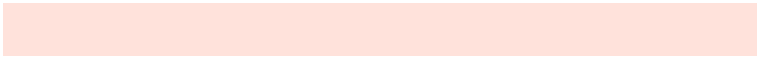
25.8068, 27.5038, 60.1589

Sweetspot

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



33.2038, 27.5052, 17.7466



81.1666, 80.5921, 78.5030



37.1985, 26.1499, 47.8865



16.9609, 16.6703, 15.9118



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.



33.2038, 27.5052, 17.7466



53.6531, 41.1580, 21.2608



39.9981, 41.0937, 20.0114



10.7839, 10.9369, 11.1054



15.5852, 8.6875, 0.8554



0.7860, 0.5075, 0.0565

Inverse Universe

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



33.1044, 40.7192, 59.5407



53.4006, 67.4744, 104.8171



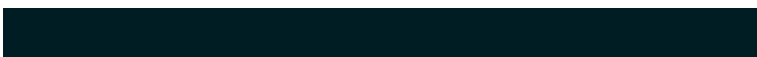
25.4660, 25.4425, 56.9946



10.7801, 11.7343, 13.6143



15.1785, 19.7509, 37.7567



0.7619, 1.0216, 1.8022

Previews

White Background



This preview shows how the XYZ color 33.2031, 27.5038, 17.7461 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 33.2031, 27.5038, 17.7461 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 33.2031, 27.5038, 17.7461

Background



This preview shows how black text looks on a background with the XYZ color 33.2031, 27.5038, 17.7461.



This preview shows how white text looks on a background with the XYZ color 33.2031, 27.5038,

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

33.2031, 27.5038, 17.7461

Protanopia

25.9822, 27.6047, 20.7884

Deuteranopia

28.2158, 27.7429, 17.2324



Tritanopia

34.6861, 27.5658, 24.6117

Trichromacy



Original Color

33.2031, 27.5038, 17.7461

Protanomaly

28.2036, 27.2582, 19.6945

Deuteranomaly

29.8114, 27.5190, 17.3761

Tritanomaly

34.0256, 27.4663, 21.9205

Monochromacy



Original Color

33.2031, 27.5038, 17.7461

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3522, 27.4225, 25.2715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2031, 27.5038, 17.7461 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, 124, 108)` looks like.

```
.text, #text, p{  
    color:rgb(198, 124, 108)  
}
```

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, 124, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 124, 108) }
```

Border

The CSS property to change the border of an element to XYZ 33.2031, 27.5038, 17.7461 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, 124, 108) }
```


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

```
.border{ border-color:rgb(198, 124, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 124, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 124, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 124, 108);  
box-shadow:4px 4px 4px 4px rgb(198, 124,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2031, 27.5038, 17.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 124, 108) }
```

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

```
.background{ background-color: rgb(198,  
124, 108) }
```

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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