

Converting Colors

XYZ(33.1018, 28.1374, 22.0568)

Have a look what the booklet for
XYZ(33.1018, 28.1374, 22.0568)
contains.

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Color

**XYZ(33.2243, 28.1809,
22.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	C1807A
RGB	193, 128, 122
RGB Percent	76%, 50%, 48%
CMY	0.2431, 0.4980, 0.5216
CMYK	0.00, 0.34, 0.37, 0.24
HSL	5°, 36%, 62%
HSV	5°, 37%, 76%
XYZ	33.2243, 28.1809, 22.1007
YIQ	146.7510, 40.6660, 11.9140

Conversions

Conversions Part 2

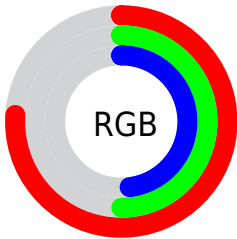
Format	Color
R _Y B	193, 129, 122
Decimal	12681338
CIE Lab	60.05, 24.41, 13.59
CIE LCh	60, 27.933, 29.102
Yxy	28.1809, 0.3979, 0.3375
Android (android.graphics.Color)	4290871418 (0xFFC1807A)
YUV	146.7510, -12.2022, 40.5604
Hunter-Lab	53.0857, 18.8164, 12.4763

Details

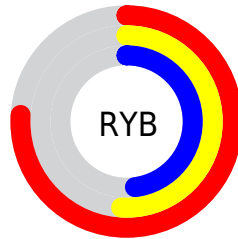
The XYZ color **33.2243, 28.1809, 22.1007** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4213, 43.5268, 56.9866**, and the grayscale version is **27.6680, 29.1089, 31.6995**.

A 20% lighter version of the original color is **63.9475, 56.6130, 47.6014**, and **14.2435, 11.2482, 7.7237** is the 20% darker color. If you saturate the color by 10%, you get **30.0379, 23.5355, 15.7131**, and if you desaturate by 10%, it is **37.0510, 33.7266, 29.8740**.

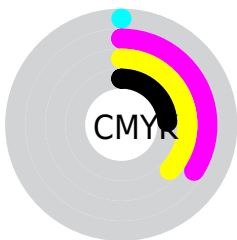
Distribution



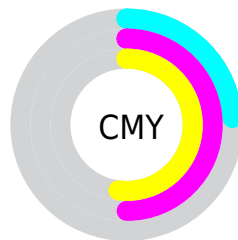
- Red (76%)
- Green (50%)
- Blue (48%)



- Red (76%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2243, 28.1809, 22.1007 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 33.2243, 28.1809, 22.1007 by changing the saturation by 10% instead.

■ 33.2243, 28.1809,
22.1007

■ 33.2243, 28.1809,
22.1007

308.3064,
293.3303, 276.0423

■ 22.4584, 18.4621,
13.7319

■ 64.0779, 56.7731,
47.8167

■ 14.3126, 11.2822,
7.7978

■ 84.8963, 76.4153,
66.0010

■ 8.4215, 6.2570,
3.8799

■ 109.7962,
100.1341, 88.2941

■ 4.4199, 3.0020,
1.5597

139.1430,
128.3138, 115.1147

■ 1.9423, 1.1328,
0.2618

173.3021,
161.3389, 146.8813

■ 0.6013, 0.0057,
0.0000

212.6388,

■ 0.0000, 0.0000,

199.5938, 184.0124

0.0000

257.5184,
243.4628, 226.9266

■ 33.2243, 28.1809,
22.1007

■ 33.2243, 28.1809,
22.1007

■ 30.0379, 23.5355,
15.7131

■ 37.0510, 33.7266,
29.8740

■ 27.4545, 19.7390,
10.6280

■ 41.5480, 40.2122,
39.1059

■ 25.4368, 16.7411,
6.7563


■ 46.7461, 47.6800,
49.8665


■ 23.9418, 14.4847,
3.9965


■ 52.6735, 56.1685,
62.2207


■ 22.9208, 12.9050,
2.2311


■ 59.3571, 65.7141,
76.2295

 22.3131, 11.9248,
1.3037

 66.8220, 76.3515,
91.9511

 22.1824, 11.7176,
1.0926

 74.7524, 87.9776,
107.6492

 75.8023, 90.0774,
107.9992

Harmonies

Analogous

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



34.2313, 28.1809, 30.9925



33.2243, 28.1809, 22.1007



30.4573, 28.1809, 16.7459

Triad

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



33.2243, 28.1809, 22.1007



21.3288, 28.1809, 21.6758



26.6780, 28.1809, 54.7644

Complementary

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



33.2243, 28.1809, 22.1007



35.4213, 43.5268, 56.9866

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.



23.4206, 28.1809, 50.7743



33.2243, 28.1809, 22.1007



20.5055, 28.1809, 30.3780

Square

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



33.2243, 28.1809, 22.1007



23.5910, 28.1809, 16.5415



21.2368, 28.1809, 41.2441



30.2553, 28.1809, 51.2053

Rectangle

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



33.2243, 28.1809, 22.1007



28.1006, 28.1809, 15.1754



21.2368, 28.1809, 41.2441



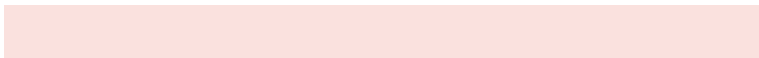
25.5113, 28.1809, 54.2492

Sweetspot

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



33.2250, 28.1823, 22.1013



79.4823, 79.3091, 80.5154



37.9305, 28.8482, 50.6296



16.7793, 16.6232, 16.7095



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.



33.2250, 28.1823, 22.1013



54.9039, 43.7690, 30.3438



38.6766, 39.0853, 23.9184



10.1401, 10.2117, 10.4985



14.7790, 7.8438, 0.7351



0.6624, 0.3867, 0.0397

Inverse Universe

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



35.4213, 43.5268, 56.9866



59.3829, 75.1414, 101.7342



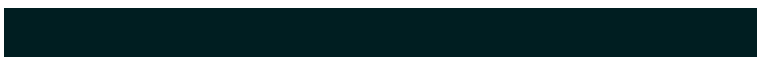
28.8126, 30.3095, 54.7838



10.2934, 11.2780, 12.9192



16.8460, 23.4484, 37.1947



0.7497, 1.0568, 1.6144

Previews

White Background



This preview shows how the XYZ color 33.2243, 28.1809, 22.1007 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 33.2243, 28.1809, 22.1007 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 33.2243, 28.1809, 22.1007

Background



This preview shows how black text looks on a background with the XYZ color 33.2243, 28.1809, 22.1007.



This preview shows how white text looks on a background with the XYZ color 33.2243, 28.1809,

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

33.2243, 28.1809, 22.1007

Protanopia

26.9172, 28.4418, 25.1902

Deuteranopia

28.7712, 28.1461, 21.6856



Tritanopia

34.0822, 28.1403, 26.5570

Trichromacy



Original Color

33.2243, 28.1809, 22.1007

Protanomaly

28.7893, 28.1045, 23.9860

Deuteranomaly

30.2466, 28.0555, 21.9102

Tritanomaly

33.8668, 28.2598, 24.7888

Monochromacy



Original Color

33.2243, 28.1809, 22.1007

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.2754, 28.4837, 27.9997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2243, 28.1809, 22.1007 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(193, 128, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 128, 122) }
```

Border

The CSS property to change the border of an element to XYZ 33.2243, 28.1809, 22.1007 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, 122) }
```


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

```
.border{ border-color:rgb(193, 128, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(193, 128,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2243, 28.1809, 22.1007 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, 122) }
```

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

```
.background{ background-color: rgb(193,  
128, 122) }
```

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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