

Converting Colors

XYZ(32.6839, 28.1233, 17.3576)

Have a look what the booklet for
XYZ(32.6839, 28.1233, 17.3576)
contains.

XYZ(32.6999, 28.2105, 17.3574)	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(32.6999, 28.2105,
17.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	C2816A
RGB	194, 129, 106
RGB Percent	76%, 51%, 42%
CMY	0.2392, 0.4941, 0.5843
CMYK	0.00, 0.34, 0.45, 0.24
HSL	16°, 42%, 59%
HSV	16°, 45%, 76%
XYZ	32.6999, 28.2105, 17.3574
YIQ	145.8130, 46.1230, 6.6270

Conversions

Conversions Part 2

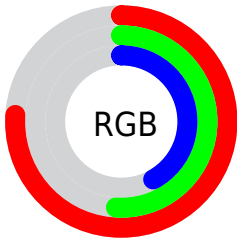
Format	Color
RYB	194, 137, 106
Decimal	12747114
CIELab	60.08, 22.43, 22.73
CIElCh	60, 31.930, 45.377
Yxy	28.2105, 0.4178, 0.3604
Android (android.graphics.Color)	4290937194 (0xFFC2816A)
YUV	145.8130, -19.6278, 42.2600
Hunter-Lab	53.1136, 16.9466, 17.8036

Details

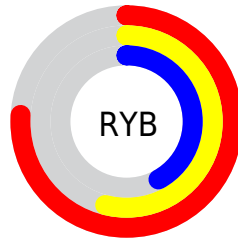
The XYZ color **32.6999, 28.2105, 17.3574** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2436, 36.0833, 56.4095**, and the grayscale version is **27.3103, 28.7326, 31.2898**.

A 20% lighter version of the original color is **63.3218, 56.7729, 39.5191**, and **14.0409, 11.3007, 5.4442** is the 20% darker color. If you saturate the color by 10%, you get **30.0461, 24.3388, 12.0459**, and if you desaturate by 10%, it is **35.8481, 32.7056, 23.9601**.

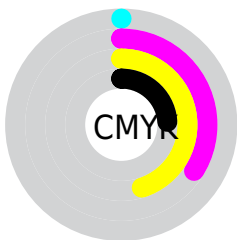
Distribution



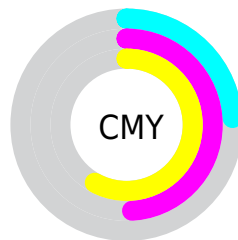
- Red (76%)
- Green (51%)
- Blue (42%)



- Red (76%)
- Yellow (54%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (45%)
- Black (24%)





- Cyan (24%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6999, 28.2105, 17.3574 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 32.6999, 28.2105, 17.3574 by changing the saturation by 10% instead.


 32.6999, 28.2105,
17.3574


 32.6999, 28.2105,
17.3574

305.9842,
293.4714, 249.3369


 22.0548, 18.4844,
10.3250


 63.2645, 56.8203,
39.7383


 14.0140, 11.2983,
5.5066


 83.9148, 76.4729,
55.9239

 8.2122, 6.2679,
2.4835


 108.6307,
100.2030, 75.9976

 4.2839, 3.0086,
0.8314

 137.7778,
128.3951, 100.3779

 1.8640, 1.1362,
0.0000

171.7213,
161.4336, 129.4835

 0.5558, 0.0087,
0.0000

210.8267,

 0.0000, 0.0000,

199.7029, 163.7328

0.0000

255.4592,
243.5874, 203.5445

■ 32.6999, 28.2105,
17.3574

■ 32.6999, 28.2105,
17.3574

■ 30.0461, 24.3388,
12.0459

■ 35.8481, 32.7056,
23.9601

■ 27.8579, 21.0583,
7.9383

■ 39.5129, 37.8462,
31.9303

■ 26.1068, 18.3398,
4.9388


■ 43.7179, 43.6585,
41.3400


■ 24.7600, 16.1500,
2.9362


■ 48.4843, 50.1658,
52.2561


■ 23.7785, 14.4513,
1.7946


■ 53.8323, 57.3905,
64.7408

 23.4194, 13.8121,
1.4317

 59.7811, 65.3536,
78.8531

 66.3489, 74.0757,
94.6489

 72.5385, 83.1703,
106.8380

 76.0580, 90.2093,
108.0112

Harmonies

Analogous

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



35.0964, 28.2105, 25.1440



32.6999, 28.2105, 17.3574



28.8396, 28.2105, 13.7226

Triad

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



32.6999, 28.2105, 17.3574



19.9262, 28.2105, 25.3943



28.9442, 28.2105, 57.8184

Complementary

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



32.6999, 28.2105, 17.3574



30.2436, 36.0833, 56.4095

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.



24.8841, 28.2105, 57.9349



32.6999, 28.2105, 17.3574



19.9480, 28.2105, 37.0567

Square

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



32.6999, 28.2105, 17.3574



21.6160, 28.2105, 17.5004



21.6792, 28.2105, 49.6077



32.7831, 28.2105, 49.3210

Rectangle

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



32.6999, 28.2105, 17.3574



26.0860, 28.2105, 13.3589



21.6792, 28.2105, 49.6077



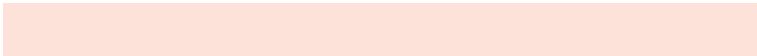
27.5539, 28.2105, 58.8988

Sweetspot

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



32.7006, 28.2119, 17.3579



80.1370, 80.3761, 77.0091



34.8486, 24.7562, 41.9714



17.1577, 17.0639, 15.9774



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.



32.7006, 28.2119, 17.3579



54.6578, 44.4235, 22.2556



39.6022, 42.0150, 19.6585



10.2825, 10.4965, 10.5460



15.4553, 9.1964, 0.9605



0.7261, 0.5139, 0.0609

Inverse Universe

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



30.2436, 36.0833, 56.4095



49.6261, 60.3078, 101.4948



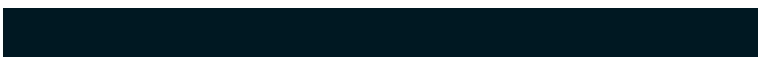
23.4009, 22.3978, 54.1286



10.1385, 10.9684, 12.8676



12.9578, 15.6722, 35.8987



0.6133, 0.7841, 1.5689

Previews

White Background



This preview shows how the XYZ color 32.6999, 28.2105, 17.3574 looks on a white background.

Color Contrast Check

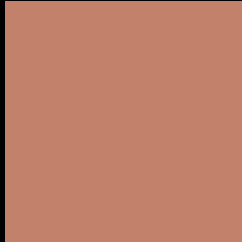
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6999, 28.2105, 17.3574 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 32.6999, 28.2105, 17.3574

Background



This preview shows how black text looks on a background with the XYZ color 32.6999, 28.2105, 17.3574.



This preview shows how white text looks on a background with the XYZ color 32.6999, 28.2105,

17.3574.

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

32.6999, 28.2105, 17.3574

Protanopia

26.6236, 28.4116, 19.7036

Deuteranopia

28.7446, 28.2354, 17.0317



Tritanopia

34.4016, 28.1242, 26.1696

Trichromacy



Original Color

32.6999, 28.2105, 17.3574

Protanomaly

28.4093, 28.0260, 18.6641

Deuteranomaly

30.0362, 28.0512, 17.1959

Tritanomaly

33.6046, 27.9790, 22.6981

Monochromacy



Original Color

32.6999, 28.2105, 17.3574

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.5791, 28.1814, 25.4060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6999, 28.2105, 17.3574 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, 129, 106)` looks like.

```
.text, #text, p{  
    color:rgb(194, 129, 106)  
}
```

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, 129, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 129, 106) }
```

Border

The CSS property to change the border of an element to XYZ 32.6999, 28.2105, 17.3574 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, 129, 106) }
```


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

```
.border{ border-color:rgb(194, 129, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 129, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 129, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 129, 106);  
box-shadow:4px 4px 4px 4px rgb(194, 129,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6999, 28.2105, 17.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 129, 106) }
```

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

```
.background{ background-color: rgb(194,  
129, 106) }
```

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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