

Converting Colors

XYZ(28.8341, 29.3810, 17.2481)

Have a look what the booklet for
XYZ(28.8341, 29.3810, 17.2481)
contains.

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Color

**XYZ(28.8341, 29.3810,
17.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	A99068
RGB	169, 144, 104
RGB Percent	66%, 56%, 41%
CMY	0.3373, 0.4353, 0.5922
CMYK	0.00, 0.15, 0.38, 0.34
HSL	37°, 27%, 54%
HSV	37°, 38%, 66%
XYZ	28.8341, 29.3810, 17.2481
YIQ	146.9150, 27.7400, -7.1400

Conversions

Conversions Part 2

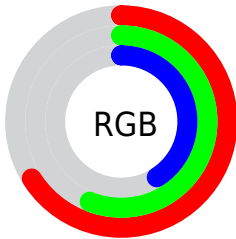
Format	Color
R_{YB}	145, 169, 104
Decimal	11112552
CIE _{Lab}	61.12, 3.57, 24.74
CIE _{LCh}	61, 24.999, 81.800
Yxy	29.3810, 0.3821, 0.3893
Android (android.graphics.Color)	4289302632 (0xFFA99068)
YUV	146.9150, -21.1571, 19.3685
Hunter-Lab	54.2042, 0.0962, 19.0766

Details

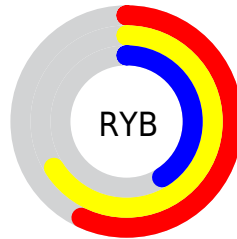
The XYZ color **28.8341, 29.3810, 17.2481** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.7203, 21.5074, 40.5953**, and the grayscale version is **27.7753, 29.2218, 31.8225**.

A 20% lighter version of the original color is **57.2462, 58.7960, 39.7841**, and **11.9190, 12.0039, 5.4302** is the 20% darker color. If you saturate the color by 10%, you get **27.1043, 27.1602, 12.8525**, and if you desaturate by 10%, it is **30.7941, 31.7868, 22.5699**.

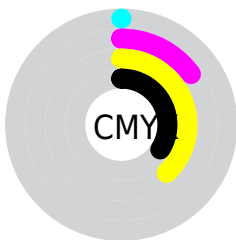
Distribution



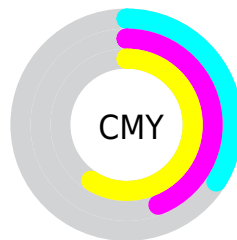
- Red (66%)
- Green (56%)
- Blue (41%)



- Red (57%)
- Yellow (66%)
- Blue (41%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8341, 29.3810, 17.2481 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 28.8341, 29.3810, 17.2481 by changing the saturation by 10% instead.

■ 28.8341, 29.3810,
17.2481

■ 28.8341, 29.3810,
17.2481

288.4397,
299.0084, 248.6902

■ 19.0990, 19.3692,
10.2477

■ 57.2128, 58.6819,
39.5483

■ 11.8463, 11.9374,
5.4558

■ 76.5871, 78.7398,
55.6853

■ 6.7105, 6.7010,
2.4537

■ 99.9052, 102.9152,
75.7048

■ 3.3265, 3.2759,
0.8155

■ 127.5324,
131.5924, 100.0254

■ 1.3287, 1.2774,
0.0000

159.8341,
165.1560, 129.0658

■ 0.2045, 0.1236,
0.0000

197.1757,

■ 0.0000, 0.0000,

203.9903, 163.2443

0.0000

239.9224,
248.4796, 202.9796

■ 28.8341, 29.3810,
17.2481

■ 28.8341, 29.3810,
17.2481

■ 27.1043, 27.1602,
12.8525

■ 30.7941, 31.7868,
22.5699

■ 25.5912, 25.1141,
9.3265

■ 32.9926, 34.3790,
28.8664

■ 24.2831, 23.2377,
6.6101

■ 35.4399, 37.1643,
36.1846

■ 23.1662, 21.5237,
4.6349

■ 38.1451, 40.1478,
44.5681

■ 22.2242, 19.9642,
3.3209

■ 41.1168, 43.3343,
54.0581

■ 21.4291, 18.5460,
2.5250

■ 44.3632, 46.7284,
64.6932

■ 21.3135, 18.3377,
2.4162

■ 47.8921, 50.3345,
76.5105

■ 51.7109, 54.1569,
89.5452

■ 55.6490, 58.1287,
102.8947

Harmonies

Analogous

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



32.0062, 29.3810, 19.8023



28.8341, 29.3810, 17.2481



25.6506, 29.3810, 17.9912

Triad

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



28.8341, 29.3810, 17.2481



22.4746, 29.3810, 39.1710



33.1757, 29.3810, 44.4978

Complementary

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



28.8341, 29.3810, 17.2481



20.7203, 21.5074, 40.5953

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.



30.3316, 29.3810, 51.8405



28.8341, 29.3810, 17.2481



24.2077, 29.3810, 48.3702

Square

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



28.8341, 29.3810, 17.2481



22.1421, 29.3810, 29.4856



27.0367, 29.3810, 53.3814



34.6379, 29.3810, 34.6343

Rectangle

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



28.8341, 29.3810, 17.2481



23.9331, 29.3810, 20.3363



27.0367, 29.3810, 53.3814



32.3395, 29.3810, 47.4166

Sweetspot

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



28.8348, 29.3824, 17.2487



61.7723, 64.6455, 59.6648



25.3419, 19.9476, 23.6340



13.3456, 13.9558, 12.6505



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8348, 29.3824, 17.2487



49.0227, 49.2723, 24.1980



31.6888, 37.1092, 18.5897



7.9009, 8.2820, 7.9714



15.9378, 13.7729, 1.8184



0.4350, 0.4296, 0.0600

Inverse Universe

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



20.7203, 21.5074, 40.5953



32.4478, 33.1982, 71.9228



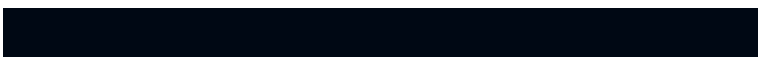
18.6048, 16.1127, 39.6655



7.3595, 7.7559, 9.5275



6.7944, 5.0489, 28.5919



0.2150, 0.2222, 0.7122

Previews

White Background



This preview shows how the XYZ color 28.8341, 29.3810, 17.2481 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 28.8341, 29.3810, 17.2481 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 28.8341, 29.3810, 17.2481

Background



This preview shows how black text looks on a background with the XYZ color 28.8341, 29.3810, 17.2481.



This preview shows how white text looks on a background with the XYZ color 28.8341, 29.3810,

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

28.8341, 29.3810, 17.2481

Protanopia

27.4378, 29.5707, 17.6262

Deuteranopia

29.9792, 29.2998, 17.4400



Tritanopia

31.9689, 29.3456, 32.4131

Trichromacy



Original Color

28.8341, 29.3810, 17.2481

Protanomaly

28.0878, 29.6739, 17.6118

Deuteranomaly

29.4564, 29.2502, 17.4579

Tritanomaly

30.6250, 29.2203, 26.2163

Monochromacy



Original Color

28.8341, 29.3810, 17.2481

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.8932, 29.1650, 25.6320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8341, 29.3810, 17.2481 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(169, 144, 104)` looks like.

```
.text, #text, p{  
    color:rgb(169, 144, 104)  
}
```

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(169, 144, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 144, 104) }
```

Border

The CSS property to change the border of an element to XYZ 28.8341, 29.3810, 17.2481 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(169, 144, 104) }
```


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

```
.border{ border-color:rgb(169, 144, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 144, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 144, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 144, 104);  
box-shadow:4px 4px 4px 4px rgb(169, 144,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8341, 29.3810, 17.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 144, 104) }
```

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

```
.background{ background-color: rgb(169,  
144, 104) }
```

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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