

Converting Colors

XYZ(28.7969, 29.5488, 29.3850)

Have a look what the booklet for
XYZ(28.7969, 29.5488, 29.3850)
contains.

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Color

**XYZ(28.7969, 29.5488,
29.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	9C928D
RGB	156, 146, 141
RGB Percent	61%, 57%, 55%
CMY	0.3882, 0.4274, 0.4471
CMYK	0.00, 0.06, 0.10, 0.39
HSL	20°, 7%, 58%
HSV	20°, 10%, 61%
XYZ	28.7969, 29.5488, 29.3850
YIQ	148.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

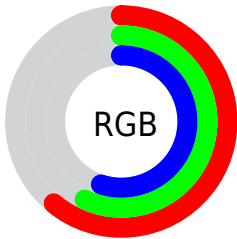
Format	Color
R_{YB}	156, 149, 141
Decimal	10261133
CIE Lab	61.26, 2.79, 3.97
CIE LCh	61, 4.848, 54.877
Yxy	29.5488, 0.3282, 0.3368
Android (android.graphics.Color)	4288451213 (0xFF9C928D)
YUV	148.4200, -3.6581, 6.6477
Hunter-Lab	54.3588, -0.5665, 6.0005

Details

The XYZ color **28.7969, 29.5488, 29.3850** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0517, 30.1956, 35.8026**, and the grayscale version is **28.3370, 29.8128, 32.4661**.

A 20% lighter version of the original color is **57.3686, 59.0976, 60.0131**, and **11.8969, 12.1243, 11.6107** is the 20% darker color. If you saturate the color by 10%, you get **26.1867, 26.0568, 23.1859**, and if you desaturate by 10%, it is **31.7181, 33.4004, 36.4952**.

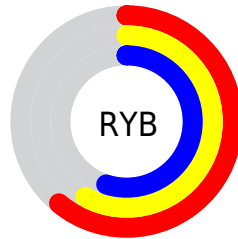
Distribution



Red (61%)

Green (57%)

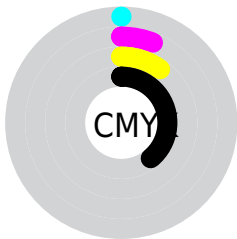
Blue (55%)



Red (61%)

Yellow (58%)

Blue (55%)

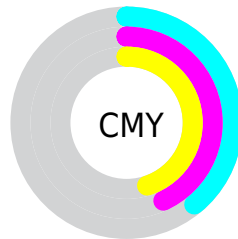


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7969, 29.5488, 29.3850 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 28.7969, 29.5488, 29.3850 by changing the saturation by 10% instead.

■ 28.7969, 29.5488,
29.3850

■ 28.7969, 29.5488,
29.3850

288.2670,
299.7956, 313.1448

■ 19.0707, 19.4964,
19.1242

■ 57.1540, 58.9479,
59.7377

■ 11.8257, 12.0295,
11.5823

■ 76.5157, 79.0634,
80.6666

■ 6.6965, 6.7638,
6.3409

■ 99.8200, 103.3019,
105.9887

■ 3.3176, 3.3148,
2.9813

127.4321,
132.0480, 136.1224

■ 1.3239, 1.2982,
1.0851

159.7176,
165.6861, 171.4864

■ 0.2010, 0.1398,
0.0000

197.0416,

■ 0.0000, 0.0000,

204.6004, 212.4990

0.0000

239.7696,
249.1755, 259.5790

■ 28.7969, 29.5488,
29.3850

■ 28.7969, 29.5488,
29.3850

■ 26.1867, 26.0568,
23.1859

■ 31.7181, 33.4004,
36.4952

■ 23.8743, 22.9100,
17.8588

■ 34.9578, 37.6176,
44.5495

■ 21.8493, 20.0987,
13.3648

■ 38.5267, 42.2114,
53.5817

■ 20.0996, 17.6114,
9.6612

■ 42.4338, 47.1910,
63.6232

■ 18.6121, 15.4358,
6.7012

■ 46.6882, 52.5653,
74.7041

■ 17.3728, 13.5588,
4.4333

■ 51.2981, 58.3428,
86.8533

■ 16.3659, 11.9661,
2.7994

■ 56.2720, 64.5320,
100.0983

■ 15.5735, 10.6421,
1.7314

■ 59.8292, 70.4255,
105.0479

■ 14.9611, 9.5641,
1.0748

■ 62.7957, 76.3585,
106.0367

Harmonies

Analogous

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



29.2128, 29.5488, 30.7183



28.7969, 29.5488, 29.3850



28.1949, 29.5488, 28.8000

Triad

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



28.7969, 29.5488, 29.3850



26.8812, 29.5488, 31.8609



28.6044, 29.5488, 35.4670

Complementary

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



28.7969, 29.5488, 29.3850



28.0517, 30.1956, 35.8026

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.



27.9759, 29.5488, 35.8009



28.7969, 29.5488, 29.3850



26.9871, 29.5488, 33.6741

Square

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



28.7969, 29.5488, 29.3850



27.0939, 29.5488, 30.1945



27.3854, 29.5488, 35.1333



29.1005, 29.5488, 34.2374

Rectangle

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



28.7969, 29.5488, 29.3850



27.7715, 29.5488, 28.8964



27.3854, 29.5488, 35.1333



28.4013, 29.5488, 35.6897

Sweetspot

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



28.7977, 29.5501, 29.3856



55.7171, 58.1811, 61.6470



28.8214, 28.3524, 33.2320



12.1688, 12.6821, 13.3420



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.7977, 29.5501, 29.3856



51.0072, 51.9451, 50.2621



29.9916, 31.9378, 29.7836



6.8048, 6.9897, 6.9761



12.3350, 7.9055, 0.8758



0.2573, 0.2149, 0.0279

Inverse Universe

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



28.0517, 30.1956, 35.8026



49.3126, 53.4109, 64.8370



26.8833, 27.8588, 35.4132



6.6353, 7.1364, 8.4344



9.0504, 10.1923, 27.3975



0.1991, 0.2567, 0.5023

Previews

White Background



This preview shows how the XYZ color 28.7969, 29.5488, 29.3850 looks on a white background.

Color Contrast Check

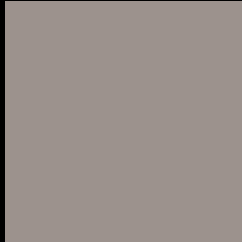
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7969, 29.5488, 29.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

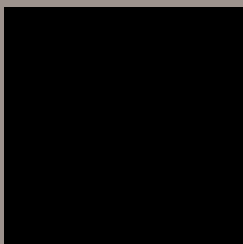
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

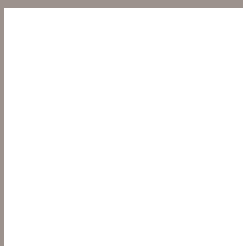
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7969, 29.5488, 29.3850

Background



This preview shows how black text looks on a background with the XYZ color 28.7969, 29.5488, 29.3850.



This preview shows how white text looks on a background with the XYZ color 28.7969, 29.5488,

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

28.7969, 29.5488, 29.3850

Protanopia

28.2651, 29.4958, 29.7947

Deuteranopia

30.2220, 29.5972, 29.7112



Tritanopia

29.9902, 29.5822, 35.1396

Trichromacy



Original Color

28.7969, 29.5488, 29.3850

Protanomaly

28.4531, 29.5927, 29.8035

Deuteranomaly

29.7560, 29.5809, 29.7326

Tritanomaly

29.5350, 29.6209, 33.0149

Monochromacy



Original Color

28.7969, 29.5488, 29.3850

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3071, 29.4911, 30.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7969, 29.5488, 29.3850 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(156, 146, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 146, 141)  
}
```

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(156, 146, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 146, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.7969, 29.5488, 29.3850 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(156, 146, 141) }
```


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

```
.border{ border-color:rgb(156, 146, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 146, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 146, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 146, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 146,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7969, 29.5488, 29.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 146, 141) }
```

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

```
.background{ background-color: rgb(156,  
146, 141) }
```

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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