

Converting Colors

XYZ(28.7721, 29.4736, 28.4565)

Have a look what the booklet for
XYZ(28.7721, 29.4736, 28.4565)
contains.

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Color

**XYZ(28.8437, 29.5899,
28.6173)**

Conversions

Conversions Part 1

Format	Color
Hex	9D928B
RGB	157, 146, 139
RGB Percent	62%, 57%, 55%
CMY	0.3843, 0.4274, 0.4549
CMYK	0.00, 0.07, 0.11, 0.38
HSL	23°, 8%, 58%
HSV	23°, 11%, 62%
XYZ	28.8437, 29.5899, 28.6173
YIQ	148.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

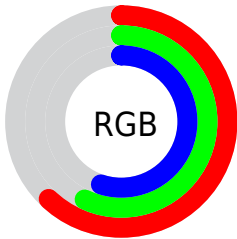
Format	Color
R_{YB}	157, 150, 139
Decimal	10326667
CIE Lab	61.30, 2.82, 5.16
CIE LCh	61, 5.881, 61.382
Yxy	29.5899, 0.3313, 0.3399
Android (android.graphics.Color)	4288516747 (0xFF9D928B)
YUV	148.4910, -4.6791, 7.4624
Hunter-Lab	54.3966, -0.5447, 6.8860

Details

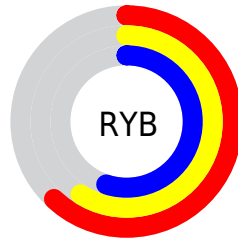
The XYZ color **28.8437, 29.5899, 28.6173** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6396, 29.7355, 36.1814**, and the grayscale version is **28.3705, 29.8480, 32.5044**.

A 20% lighter version of the original color is **57.3201, 59.1114, 58.2577**, and **11.9299, 12.1512, 11.1678** is the 20% darker color. If you saturate the color by 10%, you get **26.3611, 26.3303, 22.5307**, and if you desaturate by 10%, it is **31.6169, 33.1662, 35.6143**.

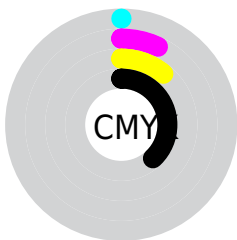
Distribution



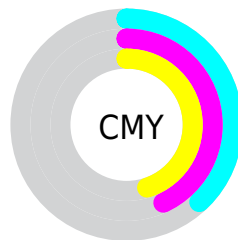
- Red (62%)
- Green (57%)
- Blue (55%)



- Red (62%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8437, 29.5899, 28.6173 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 28.8437, 29.5899, 28.6173 by changing the saturation by 10% instead.

■ 28.8437, 29.5899,
28.6173

■ 28.8437, 29.5899,
28.6173

288.4843,
299.9882, 309.4092

■ 19.1063, 19.5275,
18.5484

■ 57.2279, 59.0130,
58.5034

■ 11.8516, 12.0521,
11.1709

■ 76.6055, 79.1426,
79.1577

■ 6.7142, 6.7791,
6.0663

■ 99.9272, 103.3966,
104.1776

■ 3.3287, 3.3244,
2.8160

127.5583,
132.1595, 133.9815

■ 1.3299, 1.3033,
1.0015

159.8642,
165.8158, 168.9882

■ 0.2054, 0.1438,
0.0000

197.2102,

■ 0.0000, 0.0000,

204.7497, 209.6159

0.0000

239.9618,
249.3457, 256.2834

■ 28.8437, 29.5899,
28.6173

■ 28.8437, 29.5899,
28.6173

■ 26.3611, 26.3303,
22.5307

■ 31.6169, 33.1662,
35.6143

■ 24.1564, 23.3746,
17.3148

■ 34.6876, 37.0638,
43.5553

■ 22.2200, 20.7148,
12.9297

■ 38.0657, 41.2920,
52.4748

■ 20.5405, 18.3411,
9.3317

■ 41.7598, 45.8588,
62.4046

■ 19.1054, 16.2432,
6.4730

■ 45.7783, 50.7717,
73.3753

■ 17.9015, 14.4099,
4.3004

■ 50.1291, 56.0380,
85.4162

■ 16.9136, 12.8290,
2.7537

■ 54.8199, 61.6648,
98.5553

■ 16.1246, 11.4874,
1.7619

■ 58.2732, 67.0249,
104.4735

■ 15.5778, 10.5142,
1.2084

■ 60.9051, 72.2888,
105.3508

Harmonies

Analogous

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



29.4150, 29.5899, 30.0479



28.8437, 29.5899, 28.6173



28.0884, 29.5899, 28.1396

Triad

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



28.8437, 29.5899, 28.6173



26.6615, 29.5899, 32.3214



28.9070, 29.5899, 35.9986

Complementary

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



28.8437, 29.5899, 28.6173



27.6396, 29.7355, 36.1814

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.



28.1602, 29.5899, 36.6733



28.8437, 29.5899, 28.6173



26.8719, 29.5899, 34.4909

Square

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



28.8437, 29.5899, 28.6173



26.8371, 29.5899, 30.2183



27.4170, 29.5899, 36.1095



29.4521, 29.5899, 34.3048

Rectangle

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



28.8437, 29.5899, 28.6173



27.5848, 29.5899, 28.4076



27.4170, 29.5899, 36.1095



28.6708, 29.5899, 36.3556

Sweetspot

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



28.8445, 29.5912, 28.6179



55.7958, 58.3386, 61.6733



28.6507, 27.8390, 32.7602



12.1904, 12.7252, 13.3492



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.



28.8445, 29.5912, 28.6179



50.3582, 51.3003, 48.0322



30.2699, 32.4420, 29.0931



6.8341, 7.0482, 6.9859



12.6858, 8.6072, 0.9927



0.2665, 0.2333, 0.0310

Inverse Universe

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



27.6396, 29.7355, 36.1814



47.7226, 51.6154, 64.5743



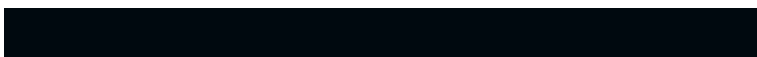
26.2733, 27.0030, 35.7260



6.6050, 7.0757, 8.4243



8.3708, 8.8332, 27.1710



0.1898, 0.2383, 0.4992

Previews

White Background



This preview shows how the XYZ color 28.8437, 29.5899, 28.6173 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 28.8437, 29.5899, 28.6173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

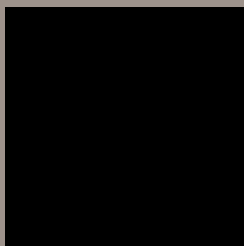
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

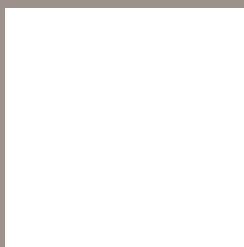
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8437, 29.5899, 28.6173

Background



This preview shows how black text looks on a background with the XYZ color 28.8437, 29.5899, 28.6173.



This preview shows how white text looks on a background with the XYZ color 28.8437, 29.5899,

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

28.8437, 29.5899, 28.6173

Protanopia

28.3042, 29.5332, 29.0196

Deuteranopia

30.0731, 29.5377, 28.9273



Tritanopia

30.1877, 29.6840, 35.1489

Trichromacy



Original Color

28.8437, 29.5899, 28.6173

Protanomaly

28.4938, 29.6309, 29.0285

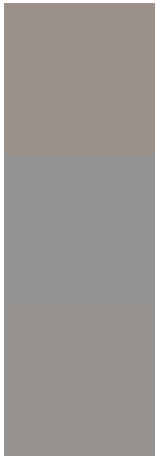
Deuteranomaly

29.6072, 29.5213, 28.9487

Tritanomaly

29.6508, 29.6898, 32.6017

Monochromacy



Original Color

28.8437, 29.5899, 28.6173

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 28.8437, 29.5899, 28.6173 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(157, 146, 139) looks like.

```
.text, #text, p{  
    color:rgb(157, 146, 139)  
}
```

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(157, 146, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 146, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.8437, 29.5899, 28.6173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

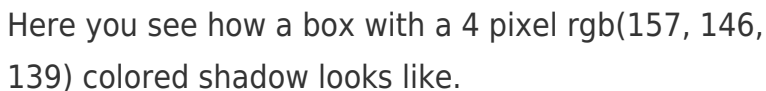
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 146, 139) }
```


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

```
.border{ border-color:rgb(157, 146, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 146, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 146, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 146, 139); box-shadow:4px 4px 4px 4px rgb(157, 146, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8437, 29.5899, 28.6173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 146, 139) }
```

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

```
.background{ background-color: rgb(157,  
146, 139) }
```

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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